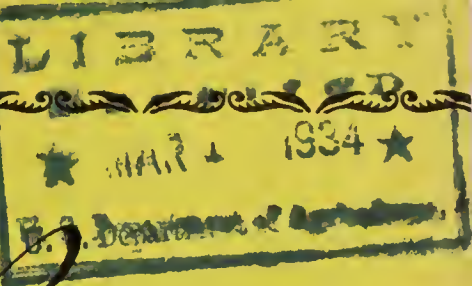


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.73



*New Beauty*

*for*

*1934*



*Manheim, Pa.*

LANCASTER COUNTY

# *A Personal Message to Our Friends and Patrons*

1934 marks our 40th year in the nursery business in the same locality. From a small beginning in fruit trees and plants, we have grown to the point where we now offer a complete line of material, both fruit and ornamental. Our service has also expanded with the years.

We have continued to keep in mind our watchword of —QUALITY—in both materials and service, at consistently reasonable prices, and we invite your continued patronage on that basis.

As time goes on, there is an increasing demand for competent Landscape Service and to give you some idea of our work in this line, you will find several illustrations in this catalog. We make no charge for plans and can take care of your planting at a nominal charge if desired.

The glimpse of part of our nurseries from the air, on the center pages, will probably be of interest, especially to those who have not yet visited us.

## **ROOT'S NURSERIES, Inc.**

J. W. ROOT, Pres. & Treas.      B. R. KREIDER, Vice Pres.

C. K. ROOT, Secy.

Established—1895

Incorporated—1920

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**When Ordering, Use Handy Env-O-Blank**

**No Postage Required**



*One of our Highway Signs*

## AN INVITATION TO VISIT OUR NURSERIES

We invite everyone interested in trees and plants to visit our Nurseries, which are conveniently located on Route 72, on the Lancaster-Manheim-Lebanon Highway, which passes through our Nurseries.

Whether you are traveling South from Manheim or North from East Petersburg on this road, you cannot miss our signs placed on the side to the East. After you see one of these signs you will be directed by other signs to the office and display grounds.



If you are not acquainted with the location of our Nurseries, a little study of the above map will help you to get to us very easily. There will be someone in attendance during daylight hours on week days.

**No business transacted on Sundays.**



# EVERGREENS



One of our plantings at the home of Mr. H. F. Weit,  
336 S. State St., Ephrata, Pa.

These Evergreens have been transplanted frequently. Each time they have been given ample room for proper growth and are sheared each season into a symmetrical shape. They are freshly dug in the nursery for your individual order, balled and burlapped.

Most of the following varieties (including Mugho Pine) may be trimmed and used for Foundation planting, etc. However, the Abies or Firs, the Piceas or Spruces, and the Pinus or Pines grow large and should be used for specimens, screens or for massing where there is plenty of room for them to develop.

## ABIES—FIR

*Abies concolor*, 70'-80'

### BALSAM FIR

Each Per 10

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.65 | \$15.00 |
| 2 to 2½ ft. ....  | 2.25   | 20.00   |

*Abies concolor*, 70'-80'

### WHITE FIR

Grows quickly and forms symmetrical, beautiful specimen. Large, gray-green needles.

|                  |        |         |
|------------------|--------|---------|
| 2 to 2½ ft. .... | \$3.85 | \$35.00 |
| 2½ to 3 ft. .... | 4.50   | 40.00   |
| 3 to 4 ft. ....  | 5.50   | 50.00   |
| 4 to 5 ft. ....  | 8.75   | 80.00   |

## CHAMAECYPARIS—RETINOSPORA

*Chamaecyparis obtusa compacta*, 2½'-4'

### FOOTBALL CYPRESS

Almost spherical in shape. Good green throughout winter. Very useful in foundation or formal work.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$1.10 | \$10.00 |
| 18 to 24 in. .... | 1.65   | 15.00   |

*Chamaecyparis pisifera*, 25'-35'

### SAWARA RETINOSPORA

Quick grower. Loosely pyramidal.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.10 | \$10.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.20   | 20.00   |
| 3 to 4 ft. ....   | 3.30   | 30.00   |
| 4 to 5 ft. ....   | 4.00   | 36.00   |
| 5 to 6 ft. ....   | 4.40   | 40.00   |
| 6 to 7 ft. ....   | 5.00   | 45.00   |

# MANHEIM, PENNSYLVANIA

*Chamaecyparis pisifera aurea*, 25'-35'

## GOLDEN SAWARA RETINOSPORA

Each Per 10

Foliage bright yellow, especially in spring.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.10 | \$10.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.20   | 20.00   |
| 3 to 4 ft. ....   | 3.30   | 30.00   |
| 4 to 5 ft. ....   | 4.40   | 40.00   |

*Chamaecyparis pisifera filifera*, 15'-20'

## THREAD RETINOSPORA

Has long, stringy, drooping branches and bright green foliage. Graceful and decorative.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.10 | \$10.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.75   | 25.00   |

*Chamaecyparis pisifera filifera aurea*, 10'-12'

## GOLDEN THREAD RETINOSPORA

Very bright, conspicuous, golden yellow. Grows more slowly than preceding.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.10 | \$10.00 |
| 15 to 18 in. .... | 1.65   | 15.00   |
| 18 to 24 in. .... | 2.75   | 25.00   |

*Chamaecyparis pisifera plumosa*, 25'-35'

## PLUME RETINOSPORA

Forms a dense cone of fine texture. Useful for shearing into formal shapes.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$0.70 | \$ 6.00 |
| 18 to 24 in. .... | 1.00   | 9.00    |
| 2 to 2½ ft. ....  | 1.35   | 12.00   |
| 2½ to 3 ft. ....  | 1.65   | 15.00   |
| 3 to 4 ft. ....   | 2.75   | 25.00   |
| 4 to 5 ft. ....   | 3.85   | 35.00   |

*Chamaecyparis pisifera plumosa aurea*, 20'-25'

## GOLDEN PLUME RETINOSPORA

Golden form of preceding, and grows more slowly.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$0.70 | \$ 6.00 |
| 15 to 18 in. .... | 1.00   | 9.00    |
| 18 to 24 in. .... | 1.35   | 12.00   |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |



*Grading, Seeding and Planting executed by our Landscape Department at Bergstrasse School, Murrell, Pa.*

Figures at right of scientific name denote ultimate height.

# ROOT'S NURSERIES, INC.

*Chamaecyparis pisifera plumosa lutescens*, 2½'-3'

## DWARF YELLOW PLUME RETINOSPORA

Forms a low, broad, round-topped bush; bright yellow tipped branchlets.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$0.70 | \$ 6.00 |
| 15 to 18 in. .... | 1.00   | 9.00    |

*Chamaecyparis pisifera squarrosa*, 25'-30'

## MOSS RETINOSPORA

Foliage blue-gray, feathery and dense, giving soft wooly appearance. Broad pyramidal outlines when young.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$0.70 | \$ 6.00 |
| 15 to 18 in. .... | 1.00   | 9.00    |
| 18 to 24 in. .... | 1.35   | 12.00   |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |

*Cryptomeria japonica lobbi*, 15'-20' **LOBB CRYPTOMERIA**

Forms narrow, irregular column, compact and picturesque, rich bronze Winter color. Prefers moist but well drained location.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$4.40 | \$40.00 |
| 4 to 5 ft. .... | 6.50   | 60.00   |

## JUNIPERUS—JUNIPER

*Juniperus chinensis albo variegata*, 6'-7'

### WHITELEAF CHINESE JUNIPER

Light bluish foliage intermingled with cream colored branches making a very distinctive plant of formal pyramidal shape.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.40 | \$12.50 |
| 2 to 2½ ft. ....  | 2.20   | 20.00   |

*Juniperus chinensis pyramidalis*, 15'-20'

### COLUMN CHINESE JUNIPER

Grows rapidly, forming tall narrow column of gray-green foliage. Spire-like effect. Very useful in evergreen planting.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$3.30 | \$30.00 |
| 4 to 5 ft. .... | 3.85   | 35.00   |
| 5 to 6 ft. .... | 4.40   | 40.00   |



*Cottage or Mansion—The Joy of Planting  
May Be Yours*

Figures at right of scientific name denote ultimate height.





*Seeding and Planting at Stand Pipe,  
Mount Joy Water Co., Mount Joy, Pa.*

*Juniperus chinensis pfitzeriana*, 5'-6' **PFITZER JUNIPER**

Broad, bushy habit. Gray-green foliage, giving feathery appearance. A most adaptable hardy evergreen; highly recommended.

|                           | Each   | Per 10  |
|---------------------------|--------|---------|
| 15 to 18 in. spread ..... | \$1.10 | \$10.00 |
| 18 to 24 in. spread ..... | 1.65   | 15.00   |
| 2 to 2½ ft. spread .....  | 2.20   | 20.00   |
| 2½ to 3 ft. spread .....  | 3.30   | 30.00   |
| 3 to 4 ft. spread .....   | 3.75   | 35.00   |
| 4 to 5 ft. spread .....   | 4.40   | 40.00   |

*Juniperus chinensis sargentii*, 1½' **SARGENT JUNIPER**

Prostrate habit, grass-green foliage. A valuable ground cover and rock plant.

|                           |        |         |
|---------------------------|--------|---------|
| 15 to 18 in. spread ..... | \$2.20 | \$20.00 |
| 18 to 24 in. spread ..... | 3.30   | 30.00   |
| 2 to 2½ ft. spread .....  | 4.40   | 40.00   |

*Juniperus communis aurea*, 1'-1½' **GOLDEN JUNIPER**

Low spreading habit. Golden foliage, particularly bright in spring.

|                           |        |         |
|---------------------------|--------|---------|
| 15 to 18 in. spread ..... | \$0.90 | \$ 8.00 |
| 18 to 24 in. spread ..... | 1.35   | 12.00   |
| 2 to 2½ ft. spread .....  | 2.20   | 20.00   |

*Juniperus communis canadensis*, 2½'-3' **CANADA JUNIPER**

Forms a low vase-shaped bush. Leaves dark green above. Bluish underneath.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$0.75 | \$ 7.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.75   | 25.00   |

# ROOT'S NURSERIES, INC.

*Juniperus communis depressa plumosa*, 1'-1½'

## ANDORRA SPREADING JUNIPER

Invaluable in fall and winter when foliage is tinged with rich purple.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.10 | \$10.00 |
| 15 to 18 in. .... | 1.65   | 15.00   |
| 18 to 24 in. .... | 2.20   | 20.00   |
| 2 to 2½ ft. ....  | 3.25   | 30.00   |

*Juniperus communis oblonga*, 7'-8'

## OBLONGA JUNIPER

Evergreen. Forms a broad, irregular pyramid with feathery branches. Grayish foliage.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.90 | \$17.00 |
| 2 to 2½ ft. ....  | 2.20   | 20.00   |



*Pfitzer Juniper*

*Juniperus hibernica*, 7'-8'

## IRISH JUNIPER

A narrow, compact column.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$0.70 | \$ 6.00 |
| 18 to 24 in. .... | .80    | 7.00    |

*Juniperus excelsa stricta*, 4'-5'

## SPINY GREEK JUNIPER

Compact, well-shaped pyramid. Foliage gray-green. Most useful for formal effects.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$0.75 | \$ 7.00 |
| 12 to 15 in. .... | 1.00   | 9.00    |
| 15 to 18 in. .... | 1.35   | 12.00   |
| 18 to 21 in. .... | 1.65   | 15.00   |
| 21 to 24 in. .... | 2.20   | 20.00   |

*Juniperus horizontalis*, 1'-1½'

## CREeping JUNIPER

Branches trail along ground. Adapted to rock-work and ground covering.

|                          |        |         |
|--------------------------|--------|---------|
| 9 to 12 in. spread ....  | \$0.75 | \$ 7.00 |
| 18 to 24 in. spread .... | 2.00   | 17.50   |

*Juniperus horizontalis douglasii*, 1'-1½'

## WAUKEGAN JUNIPER

Long branches trailing along ground. Steely-blue foliage. A splendid ground cover; also effective among rock. Distinct purple hue in winter.

|                          |        |         |
|--------------------------|--------|---------|
| 15 to 18 in. spread .... | \$1.10 | \$10.00 |
| 2 to 3 ft. spread ....   | 3.30   | 30.00   |
| 3 to 4 ft. spread ....   | 4.40   | 40.00   |

Figures at right of scientific name denote ultimate height.

# MANHEIM, PENNSYLVANIA

|   |                                 |         |
|---|---------------------------------|---------|
| <i>Juniperus japonica</i> , 3'-4'   | <b>JAPANESE JUNIPER</b>         |         |
| Low grower, spreading branches, dark green, scaly leaves. Adapted to rock planting. Grows slowly.           |                                 |         |
|   | Each                            | Per 10  |
| 9 to 12 in. ....  | \$ .75                          | \$ 6.50 |
| 18 to 24 in. ....   | 2.00                            | 18.00   |
| 2 to 2½ ft. ....  | 3.00                            | 27.00   |
| 2½ to 3 ft. ....  | 4.00                            | 36.00   |
| <i>Juniperus sabina</i> , 6'-7'   | <b>SAVIN JUNIPER</b>            |         |
| Dense, dark green foliage. Spreading branches, forming irregular vase-shaped bush.                          |                                 |         |
| 12 to 15 in. ....   | \$ .75                          | \$ 7.00 |
| 15 to 18 in. ....   | 1.00                            | 9.00    |
| 18 to 24 in. ....   | 1.65                            | 15.00   |
| 2 to 2½ ft. ....  | 2.40                            | 20.00   |
| 2½ to 3 ft. ....  | 3.30                            | 30.00   |
| <i>Juniperus squamata meyeri</i> , 3'-4'  | <b>MEYER JUNIPER</b>            |         |
| A beautiful deep blue evergreen of dwarf habit, very desirable.   |                                 |         |
| 15 to 18 in. ....   | 2.20                            | 20.00   |
| 18 to 24 in. ....   | 3.30                            | 30.00   |
| <i>Juniperus squamata variegata</i> , 1'-1½'  | <b>VARIEGATED SCALY JUNIPER</b> |         |
| A low spreading Juniper having occasional white variegated foliage.   |                                 |         |
|   | Each                            |         |
| 10 to 12 in. ....   | \$1.50                          |         |
| 12 to 18 in. ....   | 2.50                            |         |
| <i>Juniperus virginiana burki</i> , 10'-12'   | <b>BURKS JUNIPER</b>            |         |
| Evergreen. Distinct blue, forming a dense column.   |                                 |         |
| 2 to 2½ ft. ....  | \$2.20                          | \$20.00 |
| 2½ to 3 ft. ....  | 3.30                            | 30.00   |
| 3 to 4 ft. ....   | 3.85                            | 35.00   |
| <i>Juniperus virginiana cannarti</i> , 12'-15'  | <b>CANNART REDCEDAR</b>         |         |
| Evergreen. Very deep, rich blackish-green foliage. Dense-growing columnar form. An aristocrat.              |                                 |         |
| 2 to 2½ ft. ....  | \$2.75                          | \$25.00 |
| 2½ to 3 ft. ....  | 3.30                            | 30.00   |
| 3 to 4 ft. ....   | 3.85                            | 35.00   |
| 4 to 5 ft. ....   | 5.00                            | 45.00   |
| <i>Juniperus virginiana elegantissima</i> , 12'-15'   | <b>GOLDTIP REDCEDAR</b>         |         |
| Evergreen. Bright yellow tips to branches, turning bronze in Winter. Pyramidal habit.                       |                                 |         |
| 2½ to 3 ft. ....  | \$3.85                          | \$35.00 |
| 3 to 4 ft. ....   | 5.00                            | 45.00   |
| <i>Juniperus virginiana glauca</i> , 15'-20'  | <b>SILVER REDCEDAR</b>          |         |
| Bluish-gray foliage. Distinct.  |                                 |         |
| 2 to 2½ ft. ....  | \$2.25                          | \$20.00 |
| 2½ to 3 ft. ....  | 3.30                            | 30.00   |
| 3 to 4 ft. ....   | 4.40                            | 40.00   |
| 4 to 5 ft. ....   | 6.00                            | 50.00   |
| <i>Juniperus virginiana keteleeri</i> , 15'-18'   | <b>KETELEER'S REDCEDAR</b>      |         |
| A splendid evergreen of pyramidal, formal outline. Deep green, scale-like leaves. Compact habit. Very hardy |                                 |         |
| 3 to 4 ft. ....   | \$3.85                          | 35.00   |
| 4 to 5 ft. ....   | 5.00                            | 45.00   |
| <i>Juniperus virginiana schottii</i> , 12'-15'  | <b>SCHOTT REDCEDAR</b>          |         |
| Evergreen. Has fresh green foliage. Compact, formal, columnar habit. Good Winter color, quite hardy.        |                                 |         |
| 2½ to 3 ft. ....  | \$3.30                          | \$30.00 |
| 3 to 4 ft. ....   | 3.85                            | 35.00   |

Figures at right of scientific name denote ultimate height.

## PICEA—SPRUCE

### *Picea canadensis albertiana*, 25'-40' **BLACKHILLS SPRUCE**

Hardy, compact and bushy growth. Foliage green to bluish tint, bright color.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .75 | \$ 7.00 |
| 18 to 24 in. .... | 1.10   | 10.00   |
| 2 to 2½ ft. ....  | 1.65   | 10.50   |
| 2½ to 3 ft. ....  | 2.20   | 20.00   |

### *Picea excelsa*, 80'-100' **NORWAY SPRUCE**

Has dark green foliage and grows rapidly. Makes a good windbreak, and also lends itself well to trimmed hedges.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .70 | \$ 6.00 |
| 18 to 24 in. .... | 1.00   | 9.00    |
| 2 to 2½ ft. ....  | 1.35   | 12.00   |
| 2½ to 3 ft. ....  | 1.65   | 15.00   |
| 3 to 4 ft. ....   | 2.75   | 25.00   |
| 4 to 5 ft. ....   | 3.85   | 35.00   |
| 5 to 6 ft. ....   | 5.00   | 45.00   |

### *Picea pungens glauca*, 60'-80' **BLUE COLORADO SPRUCE**

Branches in distinct whorls, forming handsome lawn specimen.

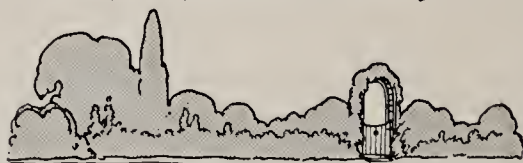
|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$3.30 | \$30.00 |
| 2 to 2½ ft. ....  | 4.40   | 40.00   |
| 2½ to 3 ft. ....  | 5.50   | 50.00   |
| 3 to 4 ft. ....   | 6.50   | 60.00   |

### *Picea pungens kosteri* **KOSTER BLUE SPRUCE**

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$2.00 | \$18.00 |
| 15 to 18 in. .... | \$3.30 | \$30.00 |
| 18 to 24 in. .... | 5.50   | 50.00   |
| 2 to 2½ ft. ....  | 8.80   | 80.00   |
| 2½ to 3 ft. ....  | 12.00  | 100.00  |
| 3 to 4 ft. ....   | 16.00  | 150.00  |
| 4 to 5 ft. ....   | 20.00  | 195.00  |



UNSIGHTLY VIEWS



SCREENED WITH PLANTING

## PINUS—PINE

### *Pinus montana mughus*, 2½'-3' **MUGHO PINE**

Forms a round-topped clump. Useful for rock planting and foundation work.

|                        |        |         |
|------------------------|--------|---------|
| 9 to 12 in. spread ..  | \$ .80 | \$ 7.00 |
| 12 to 15 in. spread .. | 1.10   | 10.00   |
| 15 to 18 in. spread .. | 1.65   | 15.00   |
| 18 to 24 in. spread .. | 2.50   | 22.50   |
| 2 to 2½ ft. spread ..  | 3.30   | 30.00   |



# MANHEIM, PENNSYLVANIA

## *Pinus nigra*, 60'-70'

## AUSTRIAN PINE

Rich, dark green. Vigorous, dense grower. Good for background.

|                      | Each   | Per 10  |
|----------------------|--------|---------|
| 18 to 24 in. . . . . | \$1.10 | \$10.00 |
| 2 to 3 ft. . . . .   | 1.65   | 15.00   |
| 3 to 4 ft. . . . .   | 2.75   | 25.00   |
| 4 to 5 ft. . . . .   | 5.00   | 45.00   |
| 5 to 6 ft. . . . .   | 6.60   | 60.00   |

## *Pinus resinosa*, 60'-70'

## RED PINE

Has dark green and lustrous flexible foliage. Hardy, vigorous.

|                    |      |       |
|--------------------|------|-------|
| 3 to 4 ft. . . . . | 2.75 | 25.00 |
| 4 to 5 ft. . . . . | 5.00 | 45.00 |

## *Pinus strobus*, 80'-100'

## WHITE PINE

Probably our most adaptable and useful pine. Very picturesque when old.

|                    |      |       |
|--------------------|------|-------|
| 2 to 3 ft. . . . . | 2.50 | 22.50 |
| 3 to 4 ft. . . . . | 3.30 | 30.00 |
| 4 to 5 ft. . . . . | 5.50 | 50.00 |
| 5 to 6 ft. . . . . | 6.60 | 60.00 |

## *Pinus sylvestris*, 25'-30'

## SCOTCH PINE

A rapid-growing, handsome tree, especially when young. Good for windbreaks.

|                      |        |         |
|----------------------|--------|---------|
| 18 to 24 in. . . . . | \$ .75 | \$ 7.00 |
| 2 to 3 ft. . . . .   | 1.10   | 10.00   |
| 3 to 4 ft. . . . .   | 2.20   | 20.00   |
| 4 to 5 ft. . . . .   | 3.30   | 30.00   |
| 5 to 6 ft. . . . .   | 4.40   | 40.00   |
| 7 to 8 ft. . . . .   | 5.50   | 50.00   |



Planting at Keystone National Bank, Manheim, Pa.

## PSEUDOTSUGA—FIR

### *Pseudotsuga douglasii*, 70'-80'

### DOUGLAS-FIR

Very hardy; dark bluish-green coloring. Prefers well-drained situation.

|                      |        |         |
|----------------------|--------|---------|
| 12 to 18 in. . . . . | \$ .75 | \$ 6.00 |
| 18 to 24 in. . . . . | 1.10   | 10.00   |
| 2 to 2½ ft. . . . .  | 1.65   | 15.00   |
| 2½ to 3 ft. . . . .  | 2.20   | 20.00   |
| 3 to 4 ft. . . . .   | 3.30   | 30.00   |
| 4 to 5 ft. . . . .   | 4.40   | 40.00   |

Figures at right of scientific name denote ultimate height.

## TAXUS—YEW

*Taxus baccata repandens*, 18"-24"

### SPREADING ENGLISH YEW

Spreading, horizontal branches, dark blue-green leaves. Valuable for low planting.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .75 | \$ 7.00 |
| 12 to 15 in. .... | 1.25   | 11.00   |
| 15 to 18 in. .... | 1.75   | 16.00   |
| 18 to 24 in. .... | 2.20   | 20.00   |

*Taxus cuspidata*, 4'-5'

### SPREADING JAPANESE YEW

Rich, deep green leaves. Spreading, bushy habit. Valuable in foundation plantings. Exceptionally hardy.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.00 | \$10.00 |
| 15 to 18 in. .... | 1.65   | 15.00   |
| 18 to 24 in. .... | 2.20   | 20.00   |
| 2 to 2½ ft. ....  | 3.30   | 30.00   |

*Taxus cuspidata capitata*, 5'-10'

### UPRIGHT JAPANESE YEW

The upright type of Spreading Japanese Yew.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.75 | \$16.00 |
| 15 to 18 in. .... | 2.20   | 20.00   |
| 18 to 24 in. .... | 3.30   | 30.00   |
| 2 to 2½ ft. ....  | 4.90   | 45.00   |

*Taxus cuspidata nana*, 2'-3'

### DWARF JAPANESE YEW

Broad, thick leaves, blackish green. Slow growing and irregular, spreading habit. Exceptionally hardy.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$1.10 | \$10.00 |
| 12 to 15 in. .... | 2.00   | 17.50   |
| 15 to 18 in. .... | 2.75   | 25.00   |

## THUJA—ARBORVITAE

*Thuja occidentalis*, 15'-30'

### AMERICAN ARBORVITAE

Slender pyramid with broad base. Bronzy winter coloring. Good accent plant or for a hedge.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .65 | \$ 6.00 |
| 2 to 3 ft. ....   | 1.10   | 10.00   |
| 3 to 4 ft. ....   | 1.65   | 15.00   |
| 4 to 5 ft. ....   | 2.75   | 25.00   |
| 5 to 6 ft. ....   | 4.40   | 40.00   |

*Thuja occidentalis compacta*, 2½'-4'

### PARSONS ARBORVITAE

Almost globe-shaped. Bright green. Useful in formal or foundation planting.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .65 | \$ 6.00 |
| 12 to 15 in. .... | .90    | 8.00    |
| 15 to 18 in. .... | 1.00   | 9.00    |
| 18 to 24 in. .... | 1.45   | 13.00   |

*Thuja occidentalis elegantissima*, 10'-15'

### GOLDENTIPPED ARBORVITAE

Branches tipped with yellow. Rich, lustrous green.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.10 | \$10.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.40   | 20.00   |

*Thuja occidentalis globosa*, 2½'-3'

### AMERICAN GLOBE ARBORVITAE

Useful in formal work. Naturally globe-shaped.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .65 | \$ 6.00 |
| 12 to 15 in. .... | .90    | 8.00    |
| 15 to 18 in. .... | 1.10   | 10.00   |
| 18 to 24 in. .... | 1.65   | 15.00   |
| 2 to 2½ ft. ....  | 1.85   | 17.00   |

# MANHEIM, PENNSYLVANIA

*Thuja occidentalis lutea*, 10'-15'

## GEORGE PEABODY ARBORVITAE

Conspicuous golden yellow form. Columnar outline.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .75 | \$ 7.00 |
| 18 to 24 in. .... | 1.00   | 9.00    |
| 2 to 2½ ft. ....  | 1.25   | 11.00   |
| 2½ to 3 ft. ....  | 1.65   | 15.00   |
| 3 to 4 ft. ....   | 2.20   | 20.00   |

*Thuja occidentalis plicata*, 10'-20'

## MOSS ARBORVITAE

Rich, deep blue-green foliage. Short, stiff branchlets give pleasing effect in light and shade. Formal pyramid.

|                  |        |         |
|------------------|--------|---------|
| 2 to 2½ ft. .... | \$1.35 | \$12.00 |
| 2½ to 3 ft. .... | 1.65   | 15.00   |
| 3 to 4 ft. ....  | 2.20   | 20.00   |
| 4 to 5 ft. ....  | 3.30   | 30.00   |

*Thuja occidentalis pyramidalis*, 15'-30'

## PYRAMIDAL ARBORVITAE

Retains bright green coloring throughout winter. Narrow columnar shape; splendid for accents or formal planting.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 18 in. .... | \$ .65 | \$ 6.00 |
| 18 to 24 in. .... | .90    | 8.00    |
| 2 to 2½ ft. ....  | 1.10   | 10.00   |
| 2½ to 3 ft. ....  | 1.65   | 15.00   |
| 3 to 4 ft. ....   | 2.20   | 20.00   |
| 4 to 5 ft. ....   | 3.30   | 30.00   |
| 5 to 6 ft. ....   | 4.40   | 40.00   |
| 6 to 7 ft. ....   | 5.50   | 50.00   |



Lawn and Shrubbery on the grounds of Mr. Allen Heagy,  
N. Sixth St., Denver, Pa.

*Thuja occidentalis rosenthalii*, 6'-10'

## ROSENTHAL ARBORVITAE

Dense, rugged columnar form. Slow grower.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .65 | \$ 6.00 |
| 12 to 15 in. .... | .90    | 8.00    |
| 15 to 18 in. .... | 1.10   | 10.00   |
| 18 to 24 in. .... | 1.35   | 12.00   |
| 2 to 2½ ft. ....  | 2.00   | 18.00   |

# ROOT'S NURSERIES, INC.

*Thuja occidentalis umbraculifera*, 2'-3'

## UMBRELLA ARBORVITAE

Particularly good low mushroom-shaped form with rich green foliage.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$ .90 | \$ 8.00 |
| 15 to 18 in. .... | 1.35   | 12.00   |
| 18 to 24 in. .... | 1.65   | 15.00   |
| 2 to 2½ ft. ....  | 2.20   | 20.00   |

*Thuja occidentalis warcana*, 12'-15'

## WARE ARBORVITAE

Light green, fleshy foliage. Broadly pyramidal, rugged in appearance.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$ .65 | \$ 6.00 |
| 15 to 18 in. .... | .90    | 8.00    |
| 18 to 24 in. .... | 1.10   | 10.00   |
| 2 to 2½ ft. ....  | 1.50   | 13.50   |
| 2½ to 3 ft. ....  | 1.75   | 16.00   |

*Thuja orientalis aurea nana*, 2½'-3'

## BERCKMAN'S GOLDEN ARBORVITAE

A gem for dwarf planting; compact, roundish shape, warm golden yellow foliage. Especially good for formal work and edging.

|                   |        |         |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .90 | \$ 8.00 |
| 12 to 15 in. .... | 1.10   | 10.00   |
| 15 to 18 in. .... | 1.65   | 15.00   |
| 18 to 24 in. .... | 2.20   | 20.00   |

*Thuja orientalis aurea conspicua*, 7'-8'

## GOLDSPIRE ARBORVITAE

Golden yellow in spring, bronze-yellow in winter. Distinctive.

|                  |        |         |
|------------------|--------|---------|
| 2½ to 3 ft. .... | \$2.20 | \$20.00 |
| 3 to 4 ft. ....  | 3.30   | 30.00   |

*Thuja orientalis elegantissima*, 7'-8'

## YELLOW COLUMN ARBORVITAE

Assumes a rich, deep golden-bronze color in winter. Compact, columnar.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$3.30 | \$30.00 |
| 4 to 5 ft. .... | 5.50   | 50.00   |



Another type of our plantings—Gasoline Station,  
Vacuum Oil Co., New Holland, Pa.



## MANHEIM, PENNSYLVANIA

### TSUGA—HEMLOCK

*Tsuga canadensis*, 75'-90'

CANADA HEMLOCK

Most graceful and adaptable, the spreading horizontal branches making fine shadow effects. Does well in shady or sunny locations.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.10 | \$10.00 |
| 2 to 2½ ft. ....  | 1.65   | 15.00   |
| 2½ to 3 ft. ....  | 2.75   | 25.00   |
| 3 to 4 ft. ....   | 4.40   | 40.00   |
| 4 to 5 ft. ....   | 6.50   | 60.00   |
| 5 to 6 ft. ....   | 8.75   | 80.00   |

### BROAD LEAF EVERGREENS ABELIA

*Abelia grandiflora*, 3'-4'

GLOSSY ABELIA

Choice small shrub, with white tinted lilac flowers, produced throughout the entire summer months.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .45 | \$ 4.00 |
| 18 to 24 in. .... | .55    | 5.00    |
| 2 to 3 ft. ....   | .75    | 6.50    |



Foundation Planting at residence of Dr. Jas. A. Hamma,  
936 Martha Ave., Grand View Heights, Lancaster, Pa.

### AZALEA

*Azalea amoena*, 3'-4'

AMOENA AZALEA

Conspicuous purple-red flowers, April-May. Leaves turn a rich, bronze-green in winter.

|                   |        |         |
|-------------------|--------|---------|
| 10 to 12 in. .... | \$1.00 | \$ 8.00 |
| 12 to 15 in. .... | 1.25   | 10.00   |

*Azalea hinodegiri*, 3'-4'

HINODEGIRI AZALEA

Larger leaves and looser growth than above; flowers very bright carmine-pink; effective in masses or with Rhododendron.

|                   |        |         |
|-------------------|--------|---------|
| 10 to 12 in. .... | \$1.65 | \$15.00 |
| 12 to 15 in. .... | 2.00   | 18.00   |

# ROOT'S NURSERIES, INC.

*Azalea macrantha*, 2½'-3'

## RED SALMON AZALEA

A beautiful plant, with large flowers that appear at intervals, and not at one time like the preceding. Single and double varieties.

|                   |        |         |
|-------------------|--------|---------|
| 10 to 12 in. .... | \$1.75 | \$16.00 |
| 12 to 15 in. .... | 2.00   | 18.00   |

## BERBERIS—BARBERRY

*Berberis ilicifolia*, 5'-6'

## HOLLY BARBERRY

Holly-like leaves, persisting until new foliage appears; flowers yellow. Semi-evergreen.

|                   |        |         |
|-------------------|--------|---------|
|                   | Each   | Per 10  |
| 18 to 24 in. .... | \$1.50 | \$14.00 |

*Berberis julianae*, 4'-5'

## WINTERGREEN BARBERRY

Beautiful hardy variety, of compact growth, with nice glossy green foliage throughout the winter.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$1.65 | \$15.00 |
|-------------------|--------|---------|

## BUXUS—BOXWOOD

*Buxus sempervirens* (bush form), 12'-15'

## BOXWOOD

Useful for formal hedges. Specially desired for planting as individual specimens on lawns or in tubs.

|                   |        |         |         |
|-------------------|--------|---------|---------|
|                   | Each   | Per 10  | Per 100 |
| 8 to 10 in. ....  | \$ .25 | \$ 2.00 | \$18.00 |
| 10 to 12 in. .... | .35    | 3.00    | 25.00   |
| 12 to 15 in. .... | .65    | 6.00    | 50.00   |
| 15 to 18 in. .... | 1.00   | 9.00    | 80.00   |
| 18 to 21 in. .... | 1.75   | 15.00   | 125.00  |

*Buxus sempervirens suffruticosa*, 3'-4'

## TRUEDWARF BOX

A very low growing variety, used for window boxes and edgings around beds of shrubbery or along walks, etc.

|                  |        |        |         |
|------------------|--------|--------|---------|
| 3 to 4 in. ....  | \$ .20 | \$1.50 | \$10.00 |
| 4 to 6 in. ....  | .25    | 2.00   | 15.00   |
| 6 to 8 in. ....  | .50    | 4.00   | 35.00   |
| 8 to 10 in. .... | 1.00   | 7.50   |         |

## COTONEASTER

*Cotoneaster horizontalis*, 1'-1½'

## ROCK COTONEASTER

Small box-like leaves; bright red berries, effective among rocks.

|                  |        |         |
|------------------|--------|---------|
|                  | Each   | Per 10  |
| 6 to 9 in. ....  | \$ .65 | \$ 6.00 |
| 9 to 12 in. .... | 1.10   | 10.00   |

## DAPHNE

*Daphne cneorum*, 1'

## ROSE DAPHNE

Gray-green foliage, low spreading. Pretty pink flowers in April-May. Delightful fragrance.

|                   |        |         |
|-------------------|--------|---------|
| 10 to 12 in. .... | \$1.10 | \$10.00 |
|-------------------|--------|---------|

## EUONYMUS

*Euonymus japonicus*, 5'-6'

## EVERGREEN BURNINGBUSH

Lustrous, deep green leaves; upright bushy habit; needs winter protection here.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 18 in. .... | \$ .75 | \$ 7.00 |
| 18 to 24 in. .... | 1.10   | 10.00   |

Figures at right of scientific name denote ultimate height.

# MANHEIM, PENNSYLVANIA

*Euonymus radicans vegetus*, 3'-4'

## BIGLEAF WINTERCREEPER

Bushy, interesting growth. Leaves round, dull green. Bright scarlet fruits, freely produced. Handsome among evergreens. Also called Evergreen Bittersweet.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .35 | \$ 3.00 |
| 12 to 15 in. .... | .40    | 3.50    |
| 15 to 18 in. .... | .50    | 4.50    |
| 18 to 24 in. .... | .60    | 5.50    |

*Euonymus radicans minimus*, 6"-12"

## BABY WINTERCREEPER

Evergreen. Has tiny evergreen leaves and dainty trailing habit. Charming rock subject.

|                  |        |         |
|------------------|--------|---------|
| 2-in. pots ..... | \$ .35 | \$ 3.00 |
| 3-in. pots ..... | .45    | 4.00    |



*Grading, Seeding and Planting done for Mr. J. S. Kuhn,  
Donegal Springs Road, Mount Joy, Pa.*

## ILEX—HOLLY

*Ilex crenata*, 8'-10'

### JAPANESE HOLLY

Box-like leaves, rich, deep green, and leathery. Stiff branching, makes a good hedge. Black berries.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$2.20 | \$20.00 |
| 18 to 24 in. .... | 3.30   | 30.00   |

*Ilex crenata microphylla*, 6'-8'

### LITTLE JAPANESE HOLLY

Smaller leaves and more hardy than preceding.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$3.30 | \$30.00 |
|-------------------|--------|---------|

*Ilex glabra*, 5'-6'

### INKBERRY

Shining, dark green leaves, purplish in winter; black berries. Useful for shady spots, also succeeds in sun.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$2.20 | \$20.00 |
|-------------------|--------|---------|

*Ilex opaca*

### AMERICAN HOLLY

Does best in moist, partially shaded place. Rather difficult to transplant.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$2.25 | \$20.00 |
| 2 to 2½ ft. ....  | 3.00   | 27.50   |

Figures at right of scientific name denote ultimate height.

## KALMIA—LAUREL

*Kalmia latifolia*, 5'-7'

**MOUNTAIN-LAUREL**

Most effective in June when the clusters of pink flowers open. Good foliage; like shade.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$1.50 | \$13.50 |
| 18 to 24 in. .... | 2.00   | 18.00   |

## LEUCOTHOE

*Leucothoe catesbaei*, 3'-4'

**DROOPING LEUCOTHOE**

Attractive white flowers, May. Handsome lustrous leaves, rich autumn coloring. Splendid for under planting in shade.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.10 | \$10.00 |
| 15 to 18 in. .... | 1.65   | 15.00   |

## MAHONIA—HOLLYGRAPE

*Mahonia aquifolium*, 4'-5'

**OREGON HOLLYGRAPE**

Shining green leaves, turn rich scarlet in autumn; striking in May when yellow flowers appear; blue-black fruits. Best in half shade.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$1.10 | \$10.00 |
|-------------------|--------|---------|

## PACHYSANDRA—SPURGE

*Pachysandra terminalis*, 6"-8"

**JAPANESE SPURGE**

One of the best bedding plants for green effect in shady places.

|                 | Each   | Per 10  | Per 100 |
|-----------------|--------|---------|---------|
| 4 to 6 in. .... | \$ .15 | \$ 1.25 | \$10.00 |

*Pyracantha coccinea lalandi*, 9'-12'

**LALAND FIRETHORN**

Evergreen. A beautiful broad-leaved evergreen with large clusters of orange berries in the Fall. Needs protection in the North.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$1.10 | \$10.00 |
| 15 to 18 in. .... | 1.65   | 15.00   |



### BEFORE AND AFTER PLANTING

*From a desolation this little house was changed to a home within a beautiful garden by means of trees and plants.*





## RHODODENDRON

*Rhododendron maximum*, 8'-12'

### ROSEBAY RHODODENDRON

Beautiful light pink flowers freely produced in May-June. Large handsome foliage, most effective in masses.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$2.00 | \$18.00 |
| 2 to 2½ ft. ....  | 2.50   | 22.50   |

*Rhododendron Hybrid*

### HYBRID RHODODENDRON

Beautiful red or pink.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$4.40 | \$40.00 |
| 18 to 21 in. .... | 5.50   | 50.00   |

## VINCA—PERIWINKLE

*Vinca minor*

### PERIWINKLE

Very good ground cover.

|                  |        |         |
|------------------|--------|---------|
| 3-in. pots ..... | \$ .20 | \$ 1.50 |
|------------------|--------|---------|

## YUCCA—ADAM'S NEEDLE

*Yucca filamentosa*, 2'-3'

### ADAM'S NEEDLE

Long lance-like leaves. Tall flower spike grows up quickly in June-July. Numerous creamy flowers and general appearance gives tropical effect. Useful for massing with either evergreens or shrubbery.

|                    |        |         |
|--------------------|--------|---------|
| 3-yr. plants ..... | \$ .30 | \$ 2.00 |
|--------------------|--------|---------|

## ORNAMENTAL SHRUBS

### ACANTHOPANAX—ARALIA

*Acanthopanax pentaphyllum*, 7'-8'

### FIVE LEAF ARALIA

Graceful, arching habit; splendid for banks; very adaptable; good foliage for smoky exposures.

|                 | Each   | Per 10  | Per 100 |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 | \$25.00 |
| 3 to 4 ft. .... | .45    | 4.00    | 35.00   |

## AZALEA

*Azealea kaempferi*, 4'-5'

### TORCH AZALEA

Warm, brick-red flowers, May.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$3.00 | \$27.50 |

*Azalea mollis*, 4'-6'

### CHINESE AZALEA

Large showy flowers in shades of orange and red. May-June. Large hairy leaves. Likes sun.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$2.00 | \$18.00 |
| 15 to 18 in. .... | \$2.75 | \$25.00 |

*Azalea yodogawa*, 3'-4'

### YODOGAWA AZALEA

Double pinkish-lavender flowers, May. Very hardy and of exceptional merit.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$2.50 | \$22.50 |
| 15 to 18 in. .... | 3.00   | 27.50   |

## BERBERIS—BARBERRY

*Berberis thunbergi*, 4'-5'

**JAPANESE BARBERRY**

A splendid low hedge plant, or for massing; brilliant autumn coloring; scarlet berries.

|                   | Each   | Per 10  | Per 100 |
|-------------------|--------|---------|---------|
| 9 to 12 in. ....  | \$ .12 | \$ 1.00 | \$ 8.00 |
| 12 to 15 in. .... | .15    | 1.25    | 10.00   |
| 15 to 18 in. .... | .20    | 1.50    | 12.50   |
| 18 to 24 in. .... | .25    | 2.00    | 15.00   |
| 2 to 2½ ft. ....  | .30    | 2.50    | 20.00   |

*Berberis thunbergi atropurpurea*

**RED-LEAVED JAPANESE BARBERRY**

A very desirable new red leaved variety of the above. Should be planted in sun for best color.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 9 to 12 in. ....  | \$ .20 | \$ 1.50 |
| 12 to 15 in. .... | .25    | 2.00    |
| 15 to 18 in. .... | .30    | 2.50    |
| 18 to 24 in. .... | .40    | 3.50    |

## BUDDLEIA—BUTTERFLY BUSH

*Buddleia davidi magnifica*, 5'-6'

**BUTTERFLY BUSH**

Very effective with gay-green foliage and deep lilac flowers; likes sun. June, September.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

## CALLICARPA—BEAUTYBERRY

*Callicarpa purpurea*, 3'-4'

**CHINESE BEAUTYBERRY**

Lilac-violet berries, especially attractive in August. Graceful habit.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .25 | \$ 2.00 |
| 18 to 24 in. .... | .35    | 3.00    |
| 2 to 3 ft. ....   | .45    | 4.00    |

## CALYCANTHUS—SWEETSHRUB

*Calycanthus floridus*, 4'-5'

**SWEETSHRUB**

Chocolate colored flowers, fragrant.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 3.00 |
| 2 to 3 ft. ....   | .40    | 4.00    |



*Foundation Plantings at Upper Leacock Township, High School, Leola, Pa.*

## MANHEIM, PENNSYLVANIA

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### CARYOPTERIS—BLUEBEARD

*Caryopteris incana*, 2'-3'

BLUEBEARD

Lavender-blue flowers, September-October. Splendid for massing.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .35 | \$ 3.00 |
| 18 to 24 in. .... | .45    | 4.00    |

### CEPHALANTHUS—BUTTONBUSH

*Cephalanthus occidentalis*, 5'-6'

BUTTONBUSH

Round heads of creamy white flowers, July-Sept. Good foliage; likes moisture.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 3.00 |
| 2 to 3 ft. ....   | .45    | 4.00    |

### CLETHRA—SUMMERSWEET

*Clethra alnifolia*, 4'-5'

SUMMERSWEET

Also called Sweet Pepper Bush.

Spikes of very fragrant flowers, July-Sept. Prefers moist, shady places.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .55 | \$ 5.00 |
| 2 to 3 ft. ....   | .65    | 6.00    |

### CORNUS—DOGWOOD

*Cornus stolonifera*, 7'-8'

RED-OSIER DOGWOOD

Spreading habit, dark red bark, white fruits. Does well in moisture.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

*Cornus stolonifera lutea*, 6'-7' GOLDENTWIG DOGWOOD

Has distinct yellow bark; fine for winter effects.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

### CYDONIA—FLOWERING QUINCE

*Cydonia japonica*, 4'-5'

FLOWERING QUINCE

Scarlet flowers in April, May.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .40 | \$ 3.00 |
| 2 to 3 ft. ....   | .50    | 4.00    |

### DEUTZIA

*Deutzia gracilis*, 3'

SLENDER DEUTZIA

Profuse bloomer, pure white, May. Useful "facing" shrub.

|                   | Each   | Per 10  | Per 100 |
|-------------------|--------|---------|---------|
| 12 to 15 in. .... | \$ .25 | \$ 2.00 | \$15.00 |
| 15 to 18 in. .... | .35    | 3.00    | 20.00   |
| 18 to 24 in. .... | .45    | 4.00    | 30.00   |

*Deutzia lemoinei*, 4'-5'

LEMOINE DEUTZIA

Large white flowers, graceful shrub, June.

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 15 to 18 in. .... | \$ .25 | \$ 2.00 | \$15.00 |
| 18 to 24 in. .... | .35    | 3.00    | 20.00   |
| 2 to 3 ft. ....   | .45    | 4.00    | 30.00   |

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Figures at right of scientific name denote ultimate height.

# ROOT'S NURSERIES, INC.

*Deutzia scabra crenata fl. pl.*, 6'-8'

## DOUBLE PINK DEUTZIA

Pink, slightly fragrant, June.

|                 | Each   | Per 10  | Per 100 |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 | \$15.00 |
| 3 to 4 ft. .... | .45    | 4.00    | 20.00   |

*Deutzia scabra pride of Rochester*, 9'-10'

## LARGE FLOWERED DEUTZIA

Vigorous, large flower tinged pink, June.

|                 |        |         |         |
|-----------------|--------|---------|---------|
| 3 to 4 ft. .... | \$ .40 | \$ 3.50 | \$30.00 |
| 4 to 5 ft. .... | .50    | 4.50    | 40.00   |

## EUONYMUS

*Euonymus alatus*, 9'-10'

## WINGED EUONYMUS

Interesting corky bark, warm crimson autumn coloring. Makes fine specimen shrub.

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 18 to 24 in. .... | \$ .45 | \$ 4.00 | \$30.00 |
| 2 to 3 ft. ....   | .55    | 5.00    | 40.00   |
| 3 to 4 ft. ....   | .75    | 7.00    | 60.00   |

## EXOCHORDA—PEARLBUSH

*Erochorda grandiflora*, 6'-9'

## PEARLBUSH

Dazzling white flowers, May. Is improved by pruning.

|                 |        |      |  |
|-----------------|--------|------|--|
| 2 to 3 ft. .... | \$ .35 | 3.00 |  |
| 3 to 4 ft. .... | .45    | 4.00 |  |

## FORSYTHIA—(GOLDEN BELL)

*Forsythia suspensa fortunei*, 7'-8'

## FORTUNE FORSYTHIA

Good habit, arching branches, vigorous grower.

|                 |        |         |         |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 | \$20.00 |
| 3 to 4 ft. .... | .45    | 4.00    | 30.00   |
| 4 to 5 ft. .... | .55    | 5.00    | 40.00   |

*Forsythia intermedia spectabilis*, 6'-8'

## SHOWY BORDER FORSYTHIA

Most profuse of all, with rich golden yellow flowers.

|                 |        |         |         |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 | \$20.00 |
| 3 to 4 ft. .... | .45    | 4.00    | 30.00   |
| 4 to 5 ft. .... | .55    | 5.00    | 40.00   |

## HIBISCUS—SHRUB-ALTHEA

*Hibiscus syriacus*, 10'-12'

## SHRUB-ALTHEA

Also called Rose of Sharon. Rather formal in outline, flowering in August and September. Pink, purple, red, and white, single and double.

|                 | Each   | Per 10  |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

## HYDRANGEA

*Hydrangea arborescens grandiflora*, 4'-5'

## SNOWHILL HYDRANGEA

Large double white flower panicles, very showy. August.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 2.50 |
| 2 to 3 ft. ....   | .40    | 3.00    |

Figures at right of scientific name denote ultimate height.



# MANHEIM, PENNSYLVANIA

*Hydrangea paniculata grandiflora*, 8'-9'

## PEEGEE HYDRANGEA

Very showy, blooming in September.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 2.50 |
| 2 to 3 ft. ....   | .40    | 3.50    |

*Hydrangea paniculata grandiflora standard*

## TREE HYDRANGEA

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$1.00 | \$ 9.00 |
|-----------------|--------|---------|

## HYPERICUM—GOLDFLOWER

*Hypericum moserianum*, 2'

## GOLDFLOWER

Large, waxy, yellow flowers. July-August. Dainty, half-herbaceous, splendid mass plant.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$ .50 | \$ 4.00 |
|-------------------|--------|---------|

## KOLKWITZIA—BEAUTY BUSH

*Kolkwitzia amabilis*, 4'-6'

## BEAUTY BUSH

A beautiful shrub similar to the Weigela. Mass of pink flowers, early May.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .50 | \$ 4.50 |
| 2 to 3 ft. ....   | .65    | 6.00    |

## LIGUSTRUM—PRIVET

*Ligustrum ovalifolium variegatum*, 8'-9'

## GOLDEN CALIFORNIA PRIVET

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 12 to 15 in. .... | \$ .20 | \$ 1.50 | \$10.00 |
| 15 to 18 in. .... | .25    | 2.00    | 15.00   |
| 18 to 24 in. .... | .30    | 2.50    | 20.00   |



*An inexpensive but beautiful planting  
with Flowering Shrubs.*

*Our Landscape Department will be glad to suggest the proper arrangement or design for a shrub planting. The cost of the plants will be very low. They may also be used to fill out a planting of evergreens.*

## LONICERA—HONEYSUCKLE

*Lonicera fragrantissima*, 6'-8'

## WINTER HONEYSUCKLE

Fragrant white flower, April-May. Half-evergreen.

|                 | Each   | Per 10  |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .40 | \$ 3.50 |

## ROOT'S NURSERIES, INC.

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*Lonicera tatarica*, 9'-10'

### TATARIAN HONEYSUCKLE

Pink, red and white. Flowers and fruit freely produced.  
A most adaptable shrub.

|                 | Each   | Per 10  |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

## PHILADELPHUS—MOCKORANGE

*Philadelphus coronarius*, 9'-10'

### SWEET MOCKORANGE

White fragrant flowers profusely borne in May-June.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

*Philadelphus coronarius aureus*, 4'-5'

### GOLDEN MOCKORANGE

Dwarf, compact form. Yellow leaves.

|                   |        |         |
|-------------------|--------|---------|
| 15 to 18 in. .... | \$ .35 | \$ 3.00 |
| 18 to 24 in. .... | .45    | 4.00    |

*Philadelphus virginialis*, 7'-8'

### VIRGINAL MOCKORANGE

Beautiful semi-double flowers produced intermittently all summer.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 3.00 |
| 2 to 3 ft. ....   | .45    | 4.00    |
| 3 to 4 ft. ....   | .55    | 5.00    |

## PHYSOCARPUS—NINEBARK

*Physocarpus opulifolius*, 9'-10'

### NINEBARK

Creamy white, June. Vigorous. Good for shade.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$ .45 | \$ 4.00 |
|-----------------|--------|---------|

## PRUNUS—ALMOND

*Prunus glandulosa*, 5'-6'

### FLOWERING ALMOND

Flowers double, May. Very showy, there are Pink and White varieties.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .55 | \$ 5.00 |
| 2 to 3 ft. ....   | .75    | 7.00    |

## RHODOTYPOS—JETBEAD

*Rhodotypos kerrioides*, 4'-5'

### JETBEAD

Fresh green foliage, pure white flowers, May-June.  
Shining black bead-like berries all winter.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 |
|-----------------|--------|---------|

## RHUS—SUMAC

*Rhus canadensis*, 4'-5'

### FRAGRANT SUMAC

Clusters of small yellow flowers, April-May. Most attractive in June when covered with coral-red fruits.  
Withstands drought. Aromatic foliage.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .65 | \$ 6.00 |
|-----------------|--------|---------|

*Rhus cotinus*, 10'-12'

### SMOKETREE

Also called Purple Fringe.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .65 | \$ 6.00 |
|-----------------|--------|---------|

## SPIRAEA—SPIREA

*Spiraea bumalda*, anthony waterer, 3'

### ANTHONY WATERER SPIREA

Deep rose pink; very free flowering all summer.

|                   | Each   | Per 10  | Per 100 |
|-------------------|--------|---------|---------|
| 9 to 12 in. ....  | \$ .20 | \$ 1.50 | \$10.00 |
| 12 to 15 in. .... | .30    | 2.00    | 15.00   |
| 15 to 18 in. .... | .40    | 3.00    | 20.00   |
| 18 to 24 in. .... | .50    | 4.00    | 30.00   |

*Spiraea prunifolia*, 7'-8'

### BRIDALWREATH

White, May. Free flowering; handsome dark green shining foliage, turning orange in autumn.

|                   | Each   | Per 10  | Per 100 |
|-------------------|--------|---------|---------|
| 18 to 24 in. .... | \$ .25 | \$ 2.00 | \$15.00 |
| 2 to 3 ft. ....   | .35    | 3.00    | 25.00   |
| 3 to 4 ft. ....   | .45    | 4.00    | 35.00   |

*Spiraea thunbergi*, 4'-5'

### THUNBERG SPIREA

Slender, arching branches clothed with pure-white flowers, April-May. Small, feathery, light-green leaves.

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 18 to 24 in. .... | \$ .25 | \$ 2.00 | \$15.00 |
| 2 to 2½ ft. ....  | .35    | 3.00    | 20.00   |
| 2½ to 3 ft. ....  | .45    | 4.00    | 30.00   |

*Spiraea vanhouttei*, 8'-9'

### VANHOUTTE SPIREA

White, May-June. Graceful habit. Extremely free-flowering and very adaptable.

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 18 to 24 in. .... | \$ .15 | \$ 1.25 | \$10.00 |
| 2 to 3 ft. ....   | .25    | 2.00    | 15.00   |
| 3 to 4 ft. ....   | .35    | 3.00    | 25.00   |
| 4 to 5 ft. ....   | .45    | 4.00    | 35.00   |

## SYMPHORICARPOS—SNOWBERRY

*Symphoricarpos racemosus*, 5'-6'

### SNOWBERRY

Conspicuous, white berries, attractive foliage. Most adaptable, but best in half shady, moist locations.

|                 |        |         |         |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .35 | \$ 3.00 | \$20.00 |
| 3 to 4 ft. .... | .45    | 4.00    | 30.00   |

*Symphoricarpos vulgaris*, 4'-5'

### CORALBERRY

Coral red berries persisting throughout winter. Good for shade, and bank planting.

|                   |        |         |         |
|-------------------|--------|---------|---------|
| 18 to 24 in. .... | \$ .15 | \$ 1.25 | \$10.00 |
| 2 to 3 ft. ....   | .25    | 2.00    | 15.00   |
| 3 to 4 ft. ....   | .35    | 3.00    | 25.00   |

## SYRINGA—LILAC

### FRENCH LILACS—NAMED VARIETIES

These are all grown from cuttings and are on their own roots, which is the best way Lilacs can be grown, as they will not sucker. These named Lilacs generally grow from 6 to 12 ft. in height, depending on the variety and locality.

Charles the Tenth, reddish purple, single.

Ludwig Spaeth, single reddish purple.

Marie LeGraye, single white.

Michel Buchner, double lilac.

Mme. Lemoine, double white.

President Grevy, double blue.

Red Marly, single light blue.

William Robinson, double violet pink.

|                 |        |         |         |
|-----------------|--------|---------|---------|
| 2 to 3 ft. .... | \$ .75 | \$ 7.00 | \$60.00 |
| 3 to 4 ft. .... | 1.00   | 9.00    | 80.00   |

## TAMARIX

*Tamarix africana*, 12'-14'

### AFRICAN TAMARIX

Pink, April-May. Has feathery, gray-green foliage. Very effective near water.

|                 | Each   | Per 10  |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$ .45 | \$ 4.00 |



*Grading, Seeding and Planting on Park Ave., Ephrata, Pa.*

## VIBURNUM

*Viburnum americanum*, 8'-9'

### AMERICAN CRANBERRYBUSH

Bright scarlet berries in large bunches, persisting all winter.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$ .35 | \$ 3.00 |
| 2 to 3 ft. ....   | .45    | 4.00    |

*Viburnum carlesi*, 4'

### FRAGRANT VIBURNUM

One of the most desirable semi-dwarf flowering shrubs with wonderfully fragrant flower clusters of white shaded with pink. Foliage nice green.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.00 | \$ 9.00 |
| 18 to 24 in. .... | 2.00   | 17.50   |

*Viburnum cassinoides*, 5'-6'

### WITHE-ROD

White, June-July. Berries pink, changing to dark blue. Rich autumn coloring; splendid for massing and near water.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .65 | \$ 6.00 |
|-----------------|--------|---------|

*Viburnum dentatum*, 10'-12'

### ARROWWOOD

White, May-June. Berries blue-black, autumn coloring purple and red; thrives in wet soil.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$ .45 | \$ 4.00 |
|-----------------|--------|---------|

*Viburnum opulus*, 9'-10'

### EUROPEAN CRANBERRYBUSH

Berries resemble the cranberry very much, cling to branches all winter.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$0.35 | \$ 3.00 |
| 2 to 3 ft. ....   | .45    | 4.00    |
| 3 to 4 ft. ....   | .55    | 5.00    |



# MANHEIM, PENNSYLVANIA

## *Viburnum rhytidophyllum*, 6'-8' **LEATHERLEAF VIBURNUM**

Evergreen. Large, oblong leaves, deep green above, gray beneath; a bold, handsome shrub.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.25 | \$11.00 |

## *Viburnum tomentosum plicatum*, 7'-8'

### **JAPANESE SNOWBALL**

Showy white flowers in balls, June. Handsome foliage with purple autumn coloring.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$0.35 | \$ 3.00 |
| 2 to 3 ft. ....   | .45    | 4.00    |
| 3 to 4 ft. ....   | .55    | 5.00    |

## **WEIGELA**

### *Weigela amabilis*, 7'-8'

#### **ROSE WEIGELA**

Light Pink.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$0.35 | \$ 3.00 |
| 3 to 4 ft. .... | .45    | 4.00    |

### *Weigela Eva Rathke*, 4'-5'

#### **RED FLOWERED WEIGELA**

Carmine, June-August. Most floriferous.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$0.40 | \$ 3.00 |
| 2 to 3 ft. ....   | .50    | 4.00    |

### *Weigela nana variegata*, 4'-5'

#### **VARIEGATED LEAF WEIGELA**

Pale pink flower; variegated leaves; dwarf, compact growth.

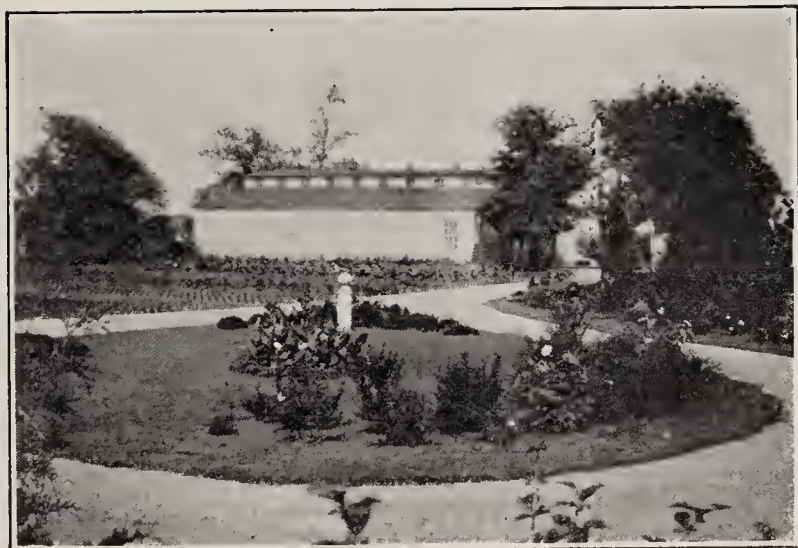
|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$0.30 | \$ 2.50 |
| 2 to 3 ft. ....   | .40    | 3.50    |

### *Weigela rosea*, 7'-8'

#### **PINK WEIGELA**

Showy, pink flowers freely produced, June. Vigorous grower.

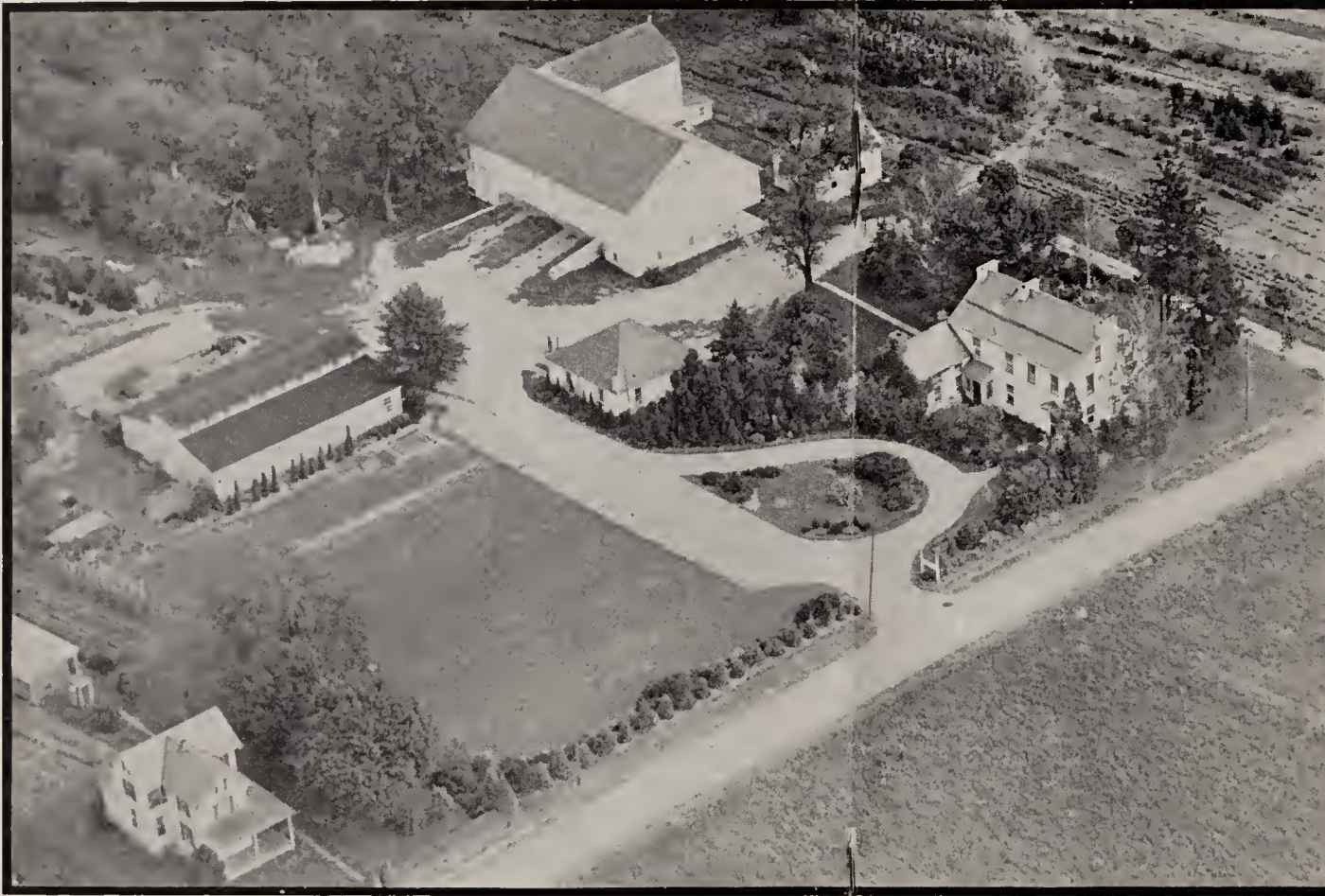
|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$0.40 | \$ 3.50 |
| 3 to 4 ft. .... | .50    | 4.50    |



*Storage and Packing House seen from Display Grounds.*



Part of Our Nurseries as Seen From the Air



*Entrance to Office and Sales Grounds. Office to right, occupying several rooms in house of old homestead. Storage and Packing House, also Propagating House in rear to left of driveway. Extreme left, front, home for help.*

*Here you will find convenient parking, away from the busy highway. Service during day light hours, except Sundays.*

*Part of our Nurseries along concrete road—Route 72, or Lancaster-Manheim-Lebanon Highway. Roads branching off of this highway lead to the office, which is only a short distance away.*

*Residence and grounds of one of the firm in foreground. The buildings in the rear provide a home for more of our employees and storage for some of our equipment.*







## SHADE AND ORNAMENTAL TREES ACER—MAPLE

*Acer dasycarpum*, 60'-80'

**SILVER MAPLE**

Quick growing, graceful shade tree; leaves silvery underneath.

|                                     | Each   | Per 10  |
|-------------------------------------|--------|---------|
| 8 to 10 ft., 1 to 1¼ in. cal.....   | \$0.90 | \$ 8.00 |
| 8 to 10 ft., 1¼ to 1½ in. cal.....  | 1.35   | 12.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal..... | 1.65   | 15.00   |
| 10 to 12 ft., 1¾ to 2 in. cal.....  | 2.20   | 20.00   |
| 12 to 14 ft., 2 to 2½ in. cal.....  | 3.10   | 28.00   |
| 12 to 14 ft., 2½ to 3 in. cal.....  | 4.40   | 40.00   |
| 14 to 16 ft., 3 to 4 in. cal.....   | 5.50   | 50.00   |

*Acer dasycarpum wieri*, 60'-80'

**WIER MAPLE**

Graceful, drooping form; delicately cut leaves; very desirable.

|                                   |        |         |
|-----------------------------------|--------|---------|
| 8 to 10 ft., 1 to 1½ in. cal..... | \$1.65 | \$15.00 |
|-----------------------------------|--------|---------|

*Acer palmatum atropurpureum*, 6'-8'

**BLOODLEAF JAPANESE MAPLE**

A good dwarf tree with rich purple-red leaves all summer. Best in sun.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$1.65 | \$15.00 |
| 15 to 18 in. .... | 2.20   | 20.00   |
| 18 to 24 in. .... | 2.75   | 25.00   |

*Acer palmatum atropurpureum dissectum*, 4'-6'

**PURPLE CUTLEAF JAPANESE MAPLE**

More dwarf than the above with finely cut purple-red leaves, giving the plant a very graceful appearance. Good for rock work.

|                   |        |         |
|-------------------|--------|---------|
| 12 to 15 in. .... | \$3.00 | \$27.50 |
|-------------------|--------|---------|

*Acer platanoides*, 50'-75'

**NORWAY MAPLE**

The most popular street tree; retains its green leaves until late autumn.

|                                     |        |         |
|-------------------------------------|--------|---------|
| 6 to 8 ft. ....                     | \$1.25 | \$10.00 |
| 8 to 10 ft., 1 to 1¼ in. cal.....   | 2.00   | 17.50   |
| 8 to 10 ft., 1¼ to 1½ in. cal.....  | 2.50   | 22.50   |
| 10 to 12 ft., 1½ to 1¾ in. cal..... | 3.00   | 27.50   |
| 10 to 12 ft., 1¾ to 2 in. cal.....  | 3.50   | 32.50   |
| 12 to 14 ft., 2 to 2½ in. cal.....  | 4.00   | 37.50   |
| 12 to 14 ft., 2½ to 3 in. cal.....  | 5.00   | 47.50   |
| 14 to 16 ft., 3 in. cal.....        | 7.50   | 70.00   |



Planting at the home of Mr. C. P. Wenger, Ephrata, Pa.



## MANHEIM, PENNSYLVANIA

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*Acer platanoides schwedleri*, 40'-60'

### SCHWEDLER PURPLE LEAF MAPLE

Probably the best large growing purple leaf tree. Useful as lawn specimen.

|   | Each   | Per 10  |
|---|--------|---------|
| 6 to 8 ft. . . . .                      | \$2.00 | \$18.00 |
| 8 to 10 ft., 1 to 1¼ in. cal. . . . .   | 2.25   | 30.00   |
| 8 to 10 ft., 1¼ to 1½ in. cal. . . . .  | 4.40   | 40.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal. . . . . | 5.50   | 50.00   |

*Acer saccharum*, 50'-75'

### SUGAR MAPLE

Similar to Norway Maple, taller, growing straight, spreading, symmetrical.

|   |        |         |
|---|--------|---------|
| 6 to 8 ft. . . . .                      | \$1.65 | \$15.00 |
| 8 to 10 ft., 1 to 1¼ in. cal. . . . .   | 2.25   | 20.00   |
| 8 to 10 ft., 1¼ to 1½ in. cal. . . . .  | 2.75   | 25.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal. . . . . | 3.75   | 35.00   |
| 10 to 12 ft., 1¾ to 2 in. cal. . . . .  | 5.00   | 45.00   |

## BETULA—BIRCH

*Betula alba*, 30'-50'

### EUROPEAN WHITE BIRCH

Known by its white bark.

|                     |        |         |
|---------------------|--------|---------|
| 5 to 6 ft. . . . .  | \$1.00 | \$ 7.50 |
| 6 to 8 ft. . . . .  | 1.50   | 12.50   |
| 8 to 10 ft. . . . . | 2.00   | 17.50   |

*Betula alba laciniata*, 30'-40'

### CUTLEAF WEEPING BIRCH

Excellent tree for lawn planting. Very graceful.

|                      |        |         |
|----------------------|--------|---------|
| 5 to 6 ft. . . . .   | \$1.35 | \$12.00 |
| 6 to 8 ft. . . . .   | 2.00   | 18.00   |
| 8 to 10 ft. . . . .  | 2.50   | 22.50   |
| 10 to 12 ft. . . . . | 3.50   | 32.50   |

## CATALPA

*Catalpa bignonioides nana*, 10'-15'

### UMBRELLA CATALPA

Useful in formal planting.

|                                  |        |         |
|----------------------------------|--------|---------|
| Light Heads, 5 to 6 ft. . . . .  | \$1.00 | \$ 7.50 |
| Medium Heads, 5 to 6 ft. . . . . | 1.25   | 10.00   |
| Large Heads, 5 to 6 ft. . . . .  | 1.65   | 15.50   |

## CERCIS—REDBUD

*Cercis canadensis*, 12'-15'

### AMERICAN REDBUD

Rosy-Pink; April; very effective when planted with Dogwood; good foliage. Also called Judas Tree.

|                    |        |         |
|--------------------|--------|---------|
| 3 to 4 ft. . . . . | \$0.60 | \$ 5.50 |
| 4 to 5 ft. . . . . | .75    | 6.50    |

## CORNUS—DOGWOOD

*Cornus florida*, 15'-25'

### WHITE FLOWERING DOGWOOD

Among the best of the spring flowering small trees.

|                    |        |         |
|--------------------|--------|---------|
| 3 to 4 ft. . . . . | \$1.00 | \$ 9.00 |
| 4 to 5 ft. . . . . | 1.35   | 12.00   |
| 5 to 6 ft. . . . . | 1.90   | 17.00   |
| 6 to 8 ft. . . . . | 3.00   | 27.00   |

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Figures at right of scientific name denote ultimate height.

# ROOT'S NURSERIES, INC.

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*Cornus florida rubra*, 15'-20'

## RED FLOWERING DOGWOOD

The pink flowers are more persistent than the white.

|                 | Each   | Per 10  |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$1.65 | \$15.00 |
| 3 to 4 ft. .... | 2.75   | 25.00   |
| 4 to 5 ft. .... | 3.30   | 30.00   |

*Cornus kousa*, 16'-18'

## KOUSA DOGWOOD

White flowers in June. Conspicuous cherry-like scarlet fruits, attractive to birds.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$1.00 | \$ 7.50 |
| 2 to 3 ft. ....   | 1.25   | 10.00   |

## CRATAEGUS—HAWTHORN

*Crataegus oxycantha pauli*, 12'-15'

## PAUL ENGLISH HAWTHORN

Double scarlet flowers.

|                 |        |         |
|-----------------|--------|---------|
| 2 to 3 ft. .... | \$1.50 | \$10.00 |
| 3 to 4 ft. .... | 2.00   | 15.00   |

## FAGUS—BEECH

*Fagus sylvatica riversi*, 75'-100'

## RIVERS BEECH

One of our best native trees; distinctive silver-gray bark.

|                   |        |         |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$2.20 | \$20.00 |
| 2 to 3 ft. ....   | 3.30   | 30.00   |

## GINKGO—MAIDENHAIR-TREE

*Ginkgo biloba*, 50'-75'

## MAIDENHAIR-TREE

Picturesque, interesting, quite distinct leaves shaped like maidenhair fern; immune from insects.

|                  |        |         |
|------------------|--------|---------|
| 6 to 8 ft. ....  | \$3.00 | \$27.00 |
| 8 to 10 ft. .... | \$4.00 | 36.00   |

## LIRIODENDRON—TULIPTREE

*Liriodendron tulipifera*, 60'-80'

## TULIPTREE

A quick grower; the yellow tulip-like flowers are produced in June.

|                                     |        |         |
|-------------------------------------|--------|---------|
| 8 to 10 ft. ....                    | \$2.20 | \$20.00 |
| 10 to 12 ft., 1½ to 2 in. cal. .... | 3.30   | 30.00   |

## MAGNOLIA

*Magnolia soulangeana*, 15'-18'

## SAUCER MAGNOLIA

Large purplish-pink and white flowers in May. Best transplanted in early spring.

|                   | Each   | Per 10  |
|-------------------|--------|---------|
| 18 to 24 in. .... | \$2.20 | \$20.00 |
| 2 to 3 ft. ....   | 3.30   | 30.00   |
| 3 to 4 ft. ....   | 4.40   | 40.00   |

## MALUS—CRAB

*Malus ioensis plena*, 10'-15'

## BECHTEL CRAB

Large double pure pink flowers with noticeable fragrance; vigorous grower.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$1.00 | \$ 9.00 |
| 4 to 5 ft. .... | 1.35   | 12.00   |

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Figures at right of scientific name denote ultimate height.

# MORUS—MULBERRY

*Morus alba pendula*, 8'-10' **WEeping MULBERRY**

The most popular small "weeping" tree.

|                         |        |         |
|-------------------------|--------|---------|
| Medium Heads .....      | \$1.00 | \$ 9.00 |
| Large Heads .....       | \$1.50 | 13.50   |
| Extra Large Heads ..... | 2.20   | 20.00   |

# PLATANUS—PLANETREE

*Platanus orientalis*, 70'-80' **EUROPEAN PLANETREE**

A good tree for park and street use; grows rather quickly; withstands smoky city conditions.

|                                     |        |         |
|-------------------------------------|--------|---------|
| 6 to 8 ft. ....                     | \$0.90 | \$ 8.00 |
| 8 to 10 ft., 1 to 1¼ in. cal.....   | 1.10   | 10.00   |
| 8 to 10 ft., 1¼ to 1½ in. cal.....  | 1.55   | 14.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal..... | 2.00   | 18.00   |
| 10 to 12 ft., 1¾ to 2 in. cal.....  | 3.00   | 25.00   |

# POPULUS—POPLAR

*Populus nigra italica*, 60'-80' **LOMBARDY POPLAR**

Tall spire-like character; valued for landscape work and screens.

|                  |        |         |
|------------------|--------|---------|
| 8 to 10 ft.....  | \$0.85 | \$ 6.50 |
| 10 to 12 ft..... | 1.00   | 9.00    |

*Populus simoni*, 25'-30' **SIMON POPLAR**

Hardy tree with good foliage; upright growth.

|                  |        |         |
|------------------|--------|---------|
| 6 to 8 ft. ....  | \$0.75 | \$ 6.00 |
| 8 to 10 ft. .... | 1.00   | 9.00    |

# PRUNUS—JAP. FLOWERING CHERRY

*Prunus aequin. rosea* **BENI HIGAN CHERRY**

Large pink flowers, early.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$1.35 | \$12.00 |
| 4 to 5 ft. .... | 1.65   | 15.00   |

*Prunus lannesiana erecta* **AMANOGAWA CHERRY**

Fragrant pale pink flowers. Upright growth, moderate size.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$1.35 | \$12.00 |
|-----------------|--------|---------|

*Prunus lannesiana sirotae* **MT. FUGI CHERRY**

Pure white; double flowers.

|                 |        |         |
|-----------------|--------|---------|
|                 | Each   | Per 10  |
| 4 to 5 ft. .... | \$1.65 | \$15.00 |
| 5 to 6 ft. .... | 2.20   | 20.00   |

*Prunus serrulata sekiyama* **KWANZAN CHERRY**

Double dark pink, late.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$1.35 | \$12.00 |
| 4 to 5 ft. .... | 1.65   | 15.00   |
| 5 to 6 ft. .... | 2.20   | 20.00   |

*Prunus sieboldi* (Naden) **SIEBOLD CHERRY**

Small tree, very showy. Abundant pale pink blossoms, fairly large, mid-April.

|                 |        |         |
|-----------------|--------|---------|
| 4 to 5 ft. .... | \$1.65 | \$15.00 |
|-----------------|--------|---------|

*Prunus subhirtella pendula* **WEeping JAP. CHERRY**

A most beautiful and graceful tree, covered with single pink blossoms in early spring.

|                 |        |         |
|-----------------|--------|---------|
| 5 to 6 ft. .... | \$3.00 | \$27.00 |
|-----------------|--------|---------|

## PRUNUS—PLUM

### *Prunus cerasifera pissardi*, 12'-15' **PURPLELEAF PLUM**

Valued chiefly because of purplish foliage; should be pruned every year for best color effect.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$0.60 | \$ 5.50 |
| 4 to 5 ft. .... | .75    | 7.00    |
| 5 to 6 ft. .... | 1.00   | 9.00    |

### *Prunus cistena*, 5'-6' **HANSEN'S PURPLE LEAVED PLUM**

A dwarf, hardy variety with rich purple-red foliage.

|                 |        |         |
|-----------------|--------|---------|
| 4 to 5 ft. .... | \$0.75 | \$ 7.00 |
|-----------------|--------|---------|

## QUERCUS—OAK

### *Quercus palustris*, 75'-90' **PIN OAK**

Takes most kindly to cultivation; prefers moist soil, but is very adaptable. Particularly fitting as a street tree; good autumn effects.

|                                      |        |         |
|--------------------------------------|--------|---------|
| 6 to 8 ft. ....                      | \$1.50 | \$13.50 |
| 8 to 10 ft., 1 to 1¼ in. cal. ....   | 2.00   | 18.00   |
| 8 to 10 ft., 1¼ to 1½ in. cal. ....  | 3.00   | 27.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal. .... | 4.00   | 36.00   |
| 10 to 12 ft., 1¾ to 2 in. cal. ....  | 5.00   | 45.00   |

### *Quercus rubra*, 75'-90' **RED OAK**

Comparatively quick growth; rich autumn coloring in greens and reds.

|                                    |        |         |
|------------------------------------|--------|---------|
| 8 to 10 ft., 1 to 1¼ in. cal. .... | \$4.00 | \$36.00 |
|------------------------------------|--------|---------|

## SALIX—WILLOW

### *Salix babylonica*, 50'-60' **BABYLON WEEPING WILLOW**

Particularly appropriate for waterside planting with its long pendulous branches.

|                  |        |         |
|------------------|--------|---------|
| 5 to 6 ft. ....  | \$0.85 | \$ 7.50 |
| 6 to 8 ft. ....  | 1.10   | 10.00   |
| 8 to 10 ft. .... | 1.65   | 15.00   |

### *Salix caprea* (bush form), 15'-20' **PUSSY WILLOW**

Very desirable for spring effects. Will do well on dry as well as wet places.

|                 |        |         |
|-----------------|--------|---------|
| 3 to 4 ft. .... | \$0.50 | \$ 4.50 |
|-----------------|--------|---------|

## SORBUS—ASH

### *Sorbus aucuparia*, 25'-30' **EUROPEAN MOUNTAIN-ASH**

A valuable tree on a small lawn; the scarlet berries are quite striking.

|                                    |        |         |
|------------------------------------|--------|---------|
|                                    | Each   | Per 10  |
| 5 to 6 ft. ....                    | \$1.00 | \$ 8.50 |
| 6 to 8 ft. ....                    | 1.25   | 10.00   |
| 8 to 10 ft., 1 to 1¼ in. cal. .... | 1.75   | 15.00   |

## TILIA—LINDEN

### *Tilia americana*, 75'-90' **AMERICAN LINDEN**

Grows rather quickly, forming an open head. Has fragrant yellow flowers.

|                                      |        |         |
|--------------------------------------|--------|---------|
| 8 to 10 ft., 1 to 1¼ in. cal. ....   | \$2.20 | \$20.00 |
| 8 to 10 ft., 1¼ to 1½ in. cal. ....  | 3.30   | 30.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal. .... | 4.40   | 40.00   |



# MANHEIM, PENNSYLVANIA

## *Tilia vulgaris*, 60'-70'

## EUROPEAN LINDEN

Leaves smaller than American Linden. In late June the fragrant flowers are noticeable, grows symmetrical and compact.

|                                   |        |         |
|-----------------------------------|--------|---------|
| 8 to 10 ft., 1 to 1¼ in. cal..... | \$4.50 | \$40.00 |
|-----------------------------------|--------|---------|

## ULMUS—ELM

### *Ulmus americana*, 80'-100'

### AMERICAN ELM

Stateliness and dignity are here exemplified. Fairly rapid in growth, this typical American tree soon assumes regal proportions and commands respect of all who look upon it.

|                                      |        |         |
|--------------------------------------|--------|---------|
| 6 to 8 ft. ....                      | \$0.65 | \$ 6.00 |
| 8 to 10 ft., 1 to 1¼ in. cal.....    | .90    | 8.00    |
| 8 to 10 ft. 1¼ to 1½ in. cal. ....   | 1.20   | 11.00   |
| 10 to 12 ft., 1½ to 1¾ in. cal. .... | 1.90   | 17.00   |
| 10 to 12 ft., 1¾ to 2 in. cal.....   | 2.75   | 25.00   |
| 12 to 14 ft., 2 to 2½ in. cal.....   | 3.85   | 35.00   |
| 12 to 14 ft., 2½ to 3 in. cal.....   | 4.40   | 40.00   |
| 14 to 16 ft., 3 to 4 in. cal.....    | 6.60   | 60.00   |

### *Ulmus americana molinei*, 80'-100'

### MOLINE ELM

A remarkable new variety of exceptionally strong growth and large handsome deep grain foliage. Very desirable.

|                                     | Each   | Per 10  |
|-------------------------------------|--------|---------|
| 6 to 8 ft. ....                     | \$0.90 | \$ 8.00 |
| 8 to 10 ft., 1 to 1¼ in. cal.....   | 1.20   | 11.00   |
| 10 to 12 ft., 1¼ to 1½ in. cal..... | 1.65   | 15.00   |

### *Ulmus parvifolia*, 80'-100'

### CHINESE ELM

Beautiful, fast grower, hardy.

|                                |        |         |
|--------------------------------|--------|---------|
| 6 to 8 ft. ....                | \$1.25 | \$10.00 |
| 8 to 10 ft., 1 to 1¼ in. ....  | 1.50   | 12.50   |
| 8 to 10 ft., 1¼ to 1½ in. .... | 2.00   | 17.50   |



*With our sturdy Caterpillar Tractor and efficient Rotary Scoop, we are prepared to quickly complete your grading work, large or small, at lowest cost.*

## HEDGE PLANTS

### BERBERIS—BARBERRY

*Berberis thunbergii*, 4'-5'

**JAPANESE BARBERRY**

A splendid low hedge plant, or for massing; brilliant autumn coloring; scarlet berries.

|                   | Each   | Per 10 | Per 100 |
|-------------------|--------|--------|---------|
| 9 to 12 in. ....  | \$0.12 | \$1.00 | \$ 8.00 |
| 12 to 15 in. .... | .15    | 1.25   | 10.00   |
| 15 to 18 in. .... | .20    | 1.50   | 12.50   |
| 18 to 24 in. .... | .25    | 2.00   | 15.00   |
| 2 to 2½ ft. ....  | .30    | 2.50   | 20.00   |

### LIGUSTRUM—PRIVET

*Ligustrum ovalifolium*, 9'-10'

**CALIFORNIA PRIVET**

The most popular hedge plant on account of its beauty, adaptability, and low cost.

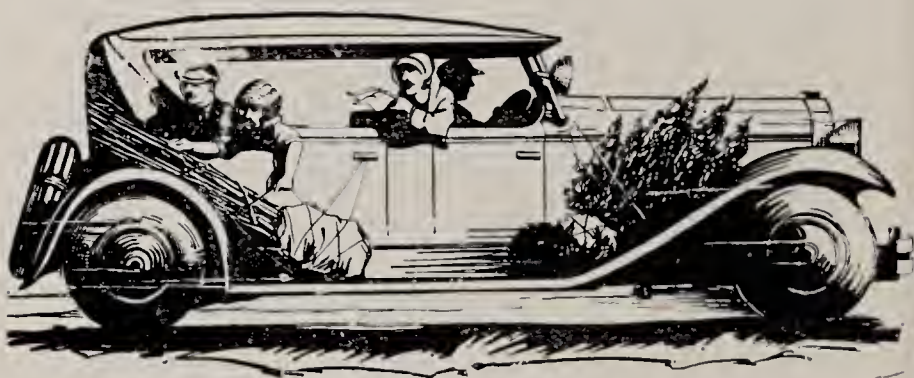
To find the exact number wanted, measure the space where it is to be planted and multiply the number of feet by two. They should be planted 3 inches deeper than they stood in the nursery row. Set the plants 6 inches apart in the row. Dip the roots in water before planting. After plants are set, cut them down to 4 inches from the surface of the ground. This will cause a thick new growth to start and is very essential for a beautiful hedge.

When cutting, each time allow about 1 to 2 inches above where it was cut before, until you get the height desired

Two-year—cut back and well branched. Will give immediate effect.

|                   | Per<br>100 | Per<br>1000 |
|-------------------|------------|-------------|
| 12 to 18 in. .... | \$2.50     | \$20.00     |
| 18 to 24 in. .... | 3.00       | 25.00       |
| 2 to 3 ft. ....   | 3.50       | 30.00       |

Consult us for information regarding hedges, screens and windbreaks to be planted with our evergreen or flowering shrubs.



*You are invited to visit our nurseries, and select your stock before it is dug.*



## ROSES

The varieties we offer are very popular and are adapted to be most satisfactory and pleasing.

The potted plants can be set out late in the season, but we also offer for early orders only, the same quality field grown roses unpotted at the lower prices listed. Both kinds will bloom this year.

### EVERBLOOMING AND HYBRID TEA ROSES

**Betty Uprichard.** Brilliant copper-red buds and semi-double salmon-pink flowers stained with copper-pink on the outside.

**Dame Edith Helen.** The most striking pink rose of recent years. Enormous, very double, pure pink blooms, continually produced. Strong growth.

**Duchess of Wellington.** Intense saffron-yellow, stained rich crimson.

**Etoile de Hollande.** Brilliant red flowers of magnificent size. Very fragrant.

**Frau Karl Druschki.** Constant bloomer. Best white.

**Gruss an Teplitz.** Everblooming scarlet crimson. A strong grower. The best everbloomer of its color.

**Jonkheer J. L. Mock.** Outside of petals deep pink, inside silvery rose.

**Lady Ashtown.** Brilliant glossy pink, flowers of exquisite pointed shape.

**Margaret McGredy.** Brilliant red petals on hinges of deep gold. Buds upright. Seldom out of bloom.

**Mme. Butterfly.** Bright pink, apricot, and gold.

**Mrs. Aaron Ward.** Yellow, sometimes shaded salmon and rose.

**Ophelia.** Salmon-flesh, shaded rose. A rose that is admired by everyone.

**Padre.** Copper-scarlet, yellow at base of petals; semi-double.

**Radiance.** Lovely light silvery pink flowers, with beautiful suffusion of deeper color. It may be relied upon to produce flowers under all conditions.

**Red Radiance.** A deep red, with great globular flowers. Blooms until frost.

## ROOT'S NURSERIES, INC.

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**Rev. F. Page-Roberts.** Golden yellow and cream in the inside of the flower, stained copper and dull red on the outside. Rapidly becoming one of the most popular Roses of America.

**Souv. de Claudius Pernet.** Color a decided and unstained Sunflower yellow, even deeper toned at center. Will not fade. Flower form is large and full, the buds long and pointed. Vigorous grower.

**Talisman.** Brilliant orange-red buds, opening to a large fragrant high pointed bloom of glowing golden yellow, stained with copper red and orange-rose on inside of petals.

**Ville le Paris.** Round buds of clear yellow. The bloom is much like Radiance.

**Willowmere.** Shrimp-pink, wonderful long-pointed buds. The rose to plant where Los Angeles does not succeed.

### Prices

**PRICES.**—Strong 2-yr. field-grown plants, potted in 6 in. pots, 75c. each; 5 for \$3.50; 10 for \$6.50. Dormant plants, 50c. each; 5 for \$2.25; 10 for \$4.00.

### Hardy Climbing Roses

**Blaze.** Plant patent No. 10. Everblooming. Scarlet. \$2.00 each.

**Climbing American Beauty.** Crimson; like bush.

**Climbing Lady Ashtown.** Hardy climbing Hybrid Tea Rose with pointed blooms of vivid pink.

**Dorothy Perkins.** Small soft shell-pink, crinkly flowers.

**Dr. W. Van Fleet.** Rich shell pink.

**Excelsa** (Red Dorothy Perkins). Clear scarlet, similar to Dorothy Perkins.

**Golden Climber** (Mrs. Arthur Curtiss James). Plant Patent No. 28. Early. Perfect buds, fragrant, beautiful when open, fine for cutting. \$2.00 each.

**La Reve.** New yellow pillar rose of deep, unfading color. Beautiful sprays in great abundance.

**Mme. Gregoire Staechelin.** "The Spanish Beauty." Today's wonder rose. Delicious fragrance, a choice cut flower. Buds long-pointed, flowers large, semi-double. Buds maroon changing from carmine to pearly pink as petals unfold.

**New Dawn.** Plant Patent No. 1. Everblooming. Pale pink. Sport of Dr. W. Van Fleet. \$1.50 each.

**Paul's Scarlet Climber.** Vivid scarlet.

**Silver Moon.** Favorite white climber; flowers semi-double, large, with brilliant yellow stamens.

### Prices

**PRICES.**—Except where noted, any of the above Ramblers and Climbers in 2-yr. No. 1 strong field-grown plants, potted in 6 in. pots, 75c. each; 5 for \$3.50. Dormant plants 50c. each; 5 for \$2.25.

### Dwarf Polyantha or "Baby" Roses

**Ellen Poulsen.** Very popular, small-flowered type of soft rose-pink.

**Gloria Mundi.** Brilliant orange-scarlet flowers in huge clusters.

**Triomphe Orleanais.** Finest of the crimson Polyanthas.

### Prices

**PRICES.**—Strong 2-yr. plants in 6-in. pots, 75c. each; 5 for \$3.50; 10 for \$6.50. Dormant plants, 50c.; 5 for \$2.25; 10 for \$4.00.



## CANNAS

### Cannas for Color

For a flaming, gorgeous color effect, give us Cannas. They outshine most other plants, yet they are never gaudy. In beds they are extremely effective.

#### HOW TO MAKE A ROUND CANNA BED

Plant 1 Canna in the center, 6 in the first circle, 12 in the second circle, then 18, 24, etc., according to the size of the bed, with the circles 18 inches apart, and the plants in the circle 18 inches apart. A bed 4 feet in diameter takes 7 Cannas; a 7-foot bed, 19 Cannas; a 10-foot bed, 37 Cannas; a 16-foot bed, 91 Cannas.

**The President.** 4 ft. Far and away superior to any other scarlet Canna ever produced. This beauty, with its massive heads of glowing scarlet, is in a class by itself for brilliant effect and is used by practically every park superintendent who needs a vivid red in his plantings.

**King Humbert.** 4 ft. Flower orange-scarlet, streaked crimson. Foliage ebony. Its unusually handsome foliage, which is equaled by no other variety, makes this Canna as popular as is the President for its gorgeous flowers.

**King Midas.** 4 ft. Very large, beautifully formed, firm flowers of glittering golden yellow.

**Victory.** 3 ft. The throat of the flower is glowing apricot which shades to a suffusion of pinkish-buff or summer sunset tints over the petals, finally edging off to a distinct border of maize-yellow. Flowers are medium in size.

### Canna Prices

|                                   | Per 10 | Per 100 |
|-----------------------------------|--------|---------|
| Canna Prices .....                | \$1.00 | \$ 8.00 |
| Potted Plants (ready May 1) ..... | 1.50   | 12.50   |



*An Attractive Rock Garden and Pool.*

## ROCK GARDENS

### DWARF EVERGREENS TO BE USED INSIDE ROCK GARDEN

|                    |                  |
|--------------------|------------------|
| Dwarf Japanese Yew | Rock Cotoneaster |
| Mugho Pine         | Rose Daphne      |
|                    | Sargent Juniper  |

These should be kept pruned:

**Amoena Azalea** **Wintergreen Barberry** **Hinodegiri Azalea**

Other varieties which are odd-shaped may be used.

# ROOT'S NURSERIES, INC.

## LARGER EVERGREENS FOR ROCK GARDEN BACKGROUND

There are a number of varieties that can be used. They should be plants that are not too symmetrically shaped.

## DECIDUOUS TREES AND SHRUBS FOR ROCK GARDEN BACKGROUND

White Flowering Dogwood      African Tamarix

**ROCK PLANTS.** The amount of space in our catalog does not permit listing all of the rock plants and perennials we can supply. We are therefore issuing a special Rock Garden Supplement which contains varieties and prices. Also hints and instructions for the building of a Rock Garden. It will be sent without charge if requested.

## HARDY PERENNIAL PLANTS

### VARIETIES MARKED WITH (\*) ARE SUITABLE FOR ROCK GARDENS

|  |                         |
|--|-------------------------|
| <i>*Alyssum saxatile compactum</i> (Rock Madwort)  |                         |
|  | <b>DWARF GOLDENTUFT</b> |
| Masses of bright yellow flowers in early spring.   |                         |
|  | Each    Per 10          |
| Excellent plant for the rockery or borders   | \$ .20   \$ 1.50        |
| <i>*Aquilegia</i>  | <b>COLUMBINE</b>        |
| Named Varieties  | \$ .20   \$ 1.50        |
| <i>*Arabis alpina</i> , 4"-5"  | <b>ALPINE ROCKCRESS</b> |
| White flowers; splendid for border or rockery; also cut flowers  | \$ .20   \$ 1.50        |
| <i>Astilbe japonica</i>  | <b>JAPANESE ASTILBE</b> |
| Hybrid varieties of very vigorous growth, producing many-branched, feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil | \$ .50   \$ 4.00        |
| <i>*Cerastium tomentosum</i> , 8"-10"  | <b>SNOW-IN-SUMMER</b>   |
| Silver carpet foliage; white flowers. May  | \$ .20   \$ 1.50        |
| <i>Chrysanthemum coccineum</i>   | <b>PAINTED DAISY</b>    |
| Various colors   | \$ .20   \$ 1.50        |
| <i>Chrysanthemum maximum</i> , 2'  | <b>SHASTA DAISY</b>     |
| White, July-September  | \$ .20   \$ 1.50        |
| <i>Coreopsis</i> , 2'  | <b>COREOPSIS</b>        |
| Large, yellow flowers, fine for cutting  | \$ .15   \$ 1.00        |
| <i>Delphinium belladonna</i> , 2½'   | <b>LARKSPUR</b>         |
| Light blue, June-October. They are our best blue cut flower, are perfectly hardy, and established plants produce a number of spikes, giving three crops during the season            | \$ .20   \$ 1.50        |
| <i>Delphinium bellamosum</i>   | <b>LARKSPUR</b>         |
| A dark blue of the type of Belladonna with the color of the old Formosum variety, but not liable to mildew like the latter and of stronger growth                                    | \$ .20   \$ 1.50        |
| <i>*Dianthus barbatus</i> , 1½'  | <b>SWEET-WILLIAM</b>    |
| Double flower, May-June  | \$ .15   \$ 1.00        |
| <i>*Dianthus plumarius</i> , 1'  | <b>GRASS PINK</b>       |
| Pink, purplish and white, fragrant flowers and on long spikes. For border or rock garden   | \$ .15   \$ 1.00        |
| <i>Dicentra spectabilis</i> , 2'   | <b>BLEEDING HEART</b>   |
| Pink and white, May-June   | \$ .35   \$ 3.00        |
| <i>*Dictamnus albus</i> , 2½'  | <b>GASPLANT</b>         |
| White, June-July. The Dictamnus is one of the most satisfactory hardy plants in cultivation, both on account of splendid flowers and its rich, durable foliage.                      |                         |
| 3-yr.  | \$ .35   \$ 3.00        |
| <i>*Dictamnus albus ruber</i>  | <b>PURPLE GASPLANT</b>  |
| Rosy-purple, June-July   | \$ .35   \$ 3.00        |

Figures at right of scientific name denote ultimate height.

# MANHEIM, PENNSYLVANIA

*Digitalis purpurea gloriniacflora*, 3' 4'

## GLOXINIA FOXGLOVE

Each Per 10  
\$ .20 \$ 1.50

*Gaillardia*

## GAILLARDIA

Large-flowering ..... \$ .20 \$ 1.50

*Gypsophyla paniculata*, 2'

## BABY'S BREATH

Compact white, fine for cutting and drying \$ .15 \$ 1.00

*Hibiscus*, 4'

## MALLOW MARVELS

A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson.

Pink and white ..... \$ .25 \$ 2.00

\**Iberis gibraltarica*, 1'

## GIBRALTAR CANDYTUFT

Reddish purple flowers; fine for rockery ... \$ .20 \$ 1.50

*Iris germanica*, 1½'-3'

## GERMAN IRIS

Assorted colors ..... \$ .10 \$ .75

*Iris kaempferi*, 1½'-3'

## JAPANESE IRIS

Assorted colors ..... \$ .25 \$ 2.00

\**Iris pumila*

## DWARF IRIS

Dark blue ..... \$ .15 \$ 1.00

*Kniphofia pfitzeri* (*Tritoma*), 2'

## BONFIRE TORCHLILY

Rush-like foliage supports smooth thick flower stalks a yard long, with a single fiery cone at the top. ....

\$ .25 \$ 2.00

*Lespedeza formosa*, 3'-4'

## PURPLE BUSH CLOVER

Rosy purple flower conspicuous in September. Attractive shrub ..... \$ .50 \$ 4.00

*Lychnis Chalcedonica*, 3'

## MALTESE CROSS

Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border.

\$ .20 \$ 1.50

*Paeonia*

## PEONY

**Paeonia Edulis Superba.** Soft pink, early.

3 to 5 eyes ..... \$ .45 \$ 4.00

**Paeonia Felix Crousse.** Best brilliant red, midseason.

3 to 5 eyes ..... \$ .55 \$ 5.00

**Paeonia Festiva Maxima.** The ideal white, carmined tipped. 3 to 5 eyes ..... \$ .35 \$ 2.50

**Paeonia Officinalis Rubra fl. pl.** Very early double red.

3 to 5 eyes ..... \$ .75 \$ 7.00

*Papaver Orientale*

## ORIENTAL POPPY

Deep crimson, with black blotch on each petal.

\$ .20 \$ 1.50

*Phlox decussata*

## HARDY PHLOX

Perennial Phloxes succeed in almost any soil enriched with manure in the spring, and in hot weather an occasional soaking of water. If the first spikes of bloom are removed as soon as over, they will produce a second supply of flowers, continuing the display until late in autumn.

**Phlox decussata Beacon.** Brilliant cherry-red \$ .20 \$ 1.50

**Phlox decussata Elizabeth Campbell.** Bright salmon-pink, with lighter shadings and dark red eye; one of the handsomest and most attractive ..... \$ .30 \$ 2.50

**Phlox decussata Mrs. Jenkins.** Pure white. \$ .20 \$ 1.50

**Phlox decussata Thor.** A beautiful lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; has aniline-red eye ..... \$ .20 \$ 1.50

**Phlox Suffruticosa Miss Lingard.** The best phlox in cultivation. It produces immense heads of beautiful white flowers in June and blooms again in September and October ..... \$ .20 \$ 1.50

Figures at right of scientific name denote ultimate height.



# ROOT'S NURSERIES, INC.

|  |                        |
|--|------------------------|
| <i>Phlox subulata</i>  | <b>MOSS PHLOX</b>      |
|  | Each Per 10            |
| *Phlox subulata Alba. Pure white .. ..   | \$ .20 \$ 1.50         |
| *Phlox subulata Fairy. Light lilac .....   | .20 1.50               |
| *Phlox subulata Rubra .....  | .20 1.50               |
| <i>Platycodon grandiflorum</i>   | <b>BALLOONFLOWER</b>   |
| 18 in. Blue, June to October. Large, showy, deep blue flowers, good for rock garden and border             | \$ .20 \$ 1.50         |
| * <i>Primula</i>   | <b>PRIMROSE</b>        |
| Splendid little plants for naturalizing near shrubs, in the border, or shaded nooks on the rockery.        |                        |
| Named varieties .....  | \$ .30 \$ 2.50         |
| * <i>Sedum</i>   | <b>STONE CROP</b>      |
| Among the most "rocky" of all rock plants, successful everywhere if provided with sandy soil and full sun. |                        |
| Named varieties .....  | \$ .20 \$ 1.50         |
| <i>Longifolia subsessilis</i>  | <b>CLUMP SPEEDWELL</b> |
| <i>Veronica longifolia subsessilis</i>   |                        |
| Long spikes of deep blue flowers. Blooms from August until late fall. 2-3 ft. ....                         | \$ .25 \$ 2.00         |

## ORNAMENTAL CLIMBING VINES

|  |                                      |
|--|--------------------------------------|
| <i>Ampelopsis quinquefolia</i> , 30'-50'   | <b>VIRGINIA CREEPER</b>              |
| Valuable for rich, fiery autumn coloring. Quick grower. 2 to 3 ft. ....  | \$ .25 \$ 2.00                       |
| <i>Ampelopsis tricuspidata</i> , 40'-50'   | <b>BOSTON IVY</b>                    |
| Brilliant autumn coloring, blue berries, turning black; closely self clinging. Also called Japanese Creeper. 18 to 24 in. ....                             | \$ .50 \$ 4.50                       |
| <i>Aristolochia siphon</i>   | <b>DUTCHMAN'S PIPE</b>               |
| Flowers are purple, of quaint pipe shape. Large heart-shaped leaves. Good for porches.   |                                      |
| 2-yr., No. 1 .....   | \$1.00 \$ 9.50                       |
| <i>Bignonia radicans</i> , 20'-30'   | <b>TRUMPET CREEPER</b>               |
| Showy trumpet-shaped flowers, scarlet and orange, July. 2 yr., No. 1 .....   | \$ .36 \$ 2.00                       |
| <i>Celastrus scandens</i> , 20'-25'  | <b>AMERICAN BITTERSWEET</b>          |
| Most adaptable vine with orange and red berries that retain color when cut and dried.  |                                      |
| 2-yr., No. 1 .....   | \$ .40 \$ 3.00                       |
| <i>Clematis</i> , Large Flowered Varieties, 10'-15'  | <b>CLEMATIS</b>                      |
| Grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil and sun.           |                                      |
| <i>Clematis Henryi</i>   | <b>HENRY CLEMATIS</b>                |
| Creamy white .....   | \$ .75 \$ 7.00                       |
| <i>Clematis Jackmani</i>   | <b>JACKMAN CLEMATIS</b>              |
| Velvety, violet-purple .....   | \$ .75 \$ 7.00                       |
| <i>Clematis Mad. Ed. Andre</i>   | <b>MAD. ED. ANDRE CLEMATIS</b>       |
| A distinct crimson-red .....   | \$ .75 \$ 7.00                       |
| <i>Clematis Paniculata</i> , 20'-25'   | <b>SWEET AUTUMN CLEMATIS</b>         |
| The flowers are of medium size, fragrant, pure white, borne in immense sheets in September ...   | \$ .35 \$ 3.00                       |
| <i>Euonymus radicans variegatus</i> , 12"-15"  |                                      |
|  | <b>VARIEGATED LEAF WINTERCREEPER</b> |
| Leaves veined and marked yellowish white and pink. Clinging vine.  |                                      |
| 12 to 15 in. ....  | \$ .50 \$ 4.00                       |
| <i>Euonymus radicans vegetus</i> , 3'-4'   |                                      |
|  | <b>BIGLEAF WINTERCREEPER</b>         |
| Bushy, interesting growth. Leaves round, dull green. Bright scarlet fruits, freely produced. Handsome among evergreens. Also called Evergreen Bittersweet. |                                      |
| 12-15 in. ....   | \$ .50 \$ 4.00                       |

Figures at right of scientific name denote ultimate height.



# MANHEIM, PENNSYLVANIA

|  | Each                             | Per 10  |
|--|----------------------------------|---------|
| 15-18 in. . . . .  | \$ .60                           | \$ 5.00 |
| 18-24 in. . . . .  | \$ .75                           | \$ 6.00 |
| <i>Hedera helix</i> , 20'-50'  | <b>ENGLISH IVY</b>               |         |
| Good ground cover in shady locations. An ideal wall cover. 3-in. pots . . . . .  | \$ .25                           | \$ 2.00 |
| 4-in. pots . . . . .   | \$ .40                           | \$ 3.00 |
| <i>Hydrangea petiolaris</i>  | <b>CLIMBING HYDRANGEA</b>        |         |
| A striking vine. Wonderful wall cover. Spring a mass of white flat flowers, 8 to 10 inches in diameter.                                    |                                  |         |
| 12-18 in. ....   | \$1.75                           | \$15.00 |
| <i>Lonicera japonica halliana</i> , 15'-25'  | <b>HALL JAPANESE HONEYSUCKLE</b> |         |
| Grows rampantly. Blooms freely, deliciously fragrant.  |                                  |         |
| 2-yr., No. 1 . . . . .   | \$ .30                           | \$ 2.50 |
| <i>Polygonum auberti</i>   | <b>CHINA FLEECEVINE</b>          |         |
| Climbing plant of vigorous growth attaining a height of 25 feet and producing through summer and fall great foamy sprays of white flowers. |                                  |         |
| 2-yr., No. 1 . . . . .   | \$ .60                           | \$ 5.00 |
| <i>Wisteria sinensis</i> , 40'-50'   | <b>CHINESE WISTERIA</b>          |         |
| Good for pergolas, porches and trellises; dense drooping clusters of pea-shaped purple-blue flowers.                                       |                                  |         |
| 2-yr. Grafts . . . . .   | \$ .60                           | \$ 5.00 |
| <i>Wisteria sinensis alba</i> , 40'-50'  | <b>CHINESE WHITE WISTERIA</b>    |         |
| 2-yr. Grafts . . . . .   | \$ .75                           | \$ 7.00 |



Part of our Service. Quick delivery of freshly dug stock.

## APPLES

Apple trees should be set 32 to 40 feet apart.

**Fillers.** Most commercial orchards are now planted with standard varieties, 40 feet apart each way. Quick, upright growing, early maturing varieties are used as fillers, planting between standards to make 20 ft. apart; fillers to be removed when the standard trees require the room (12 to 18 years). This requires 28 standard and 82 fillers to the acre. **We recommend for fillers:** Yellow Transparent, Oldenburg, Grimes Golden, McIntosh and Wealthy, or peach trees.

### PRICE OF APPLES—2-YEAR

|  | Each   | Per 10  | Per 100 | Per 1000 |
|--|--------|---------|---------|----------|
| 5 to 6 ft., $1\frac{1}{16}$ in. cal. and up                    | \$ .50 | \$ 4.00 | \$25.00 | \$220.00 |
| 4 to 5 ft., $\frac{9}{16}$ to $1\frac{1}{16}$ in. cal. . . . . | .45    | 3.50    | 22.00   | 200.00   |
| 3 to 4 ft., $\frac{7}{16}$ to $\frac{9}{16}$ in. cal. . . . .  | .40    | 3.00    | 18.00   | 160.00   |

### PRICE OF APPLES—1-YEAR

|                    | Each   | Per 10  | Per 100 | Per 1000 |
|--------------------|--------|---------|---------|----------|
| 4 to 5 ft. . . . . | \$ .40 | \$ 3.50 | \$24.00 | \$210.00 |
| 3 to 4 ft. . . . . | .35    | 3.00    | 21.00   | 190.00   |
| 2 to 3 ft. . . . . | .30    | 2.50    | 16.00   | 150.00   |

Figures at right of scientific name denote ultimate height.

## SUMMER APPLES

- Benoni.** Attractive, red, best eating apple of its season. Early bearer and very productive.
- Early Harvest.** Medium, pale yellow, tender, juicy.
- Oldenburg (Duchess of Oldenburg).** Good size, yellow, streaked red, juicy, sub-acid, productive.
- Summer Rambo.** Very large; flesh yellow, firm, tender, very juicy, mild sub-acid.
- Red Astrachan.** Large, beautiful deep crimson. A favorite eating and cooking apple.
- Yellow Transparent.** Earliest and best; white, tender, juicy, sprightly, sub-acid. Grows rapidly, bears young, and makes a profitable "filler."

## AUTUMN APPLES

- Gravenstein.** Large striped, fine quality, one of the best fall sorts.
- Maiden Blush.** Large, beautiful, blush cheek.
- Smokehouse.** An old favorite, originated in Lancaster Co., Pa.
- Wealthy.** Medium size, smooth, round, deep red; handsome and of fine quality.

## WINTER APPLES

- Baldwin.** Red, large, fine quality, tree vigorous.
- Winter Banana.** Size large, golden yellow with bright crimson red.
- Cortland.** This is a promising new variety originated at the Horticultural Experimental Farms, Geneva, N. Y. The fruit is medium to large in size, of a bright red color. Flesh is pure white.
- Delicious.** Red and yellow; fine grained, and quite juicy; flavor slightly acid, but very good.
- Falawater** (sometimes called **Pound Apple**). Large; yellowish green fruit.
- Storage and Packing House in Background*
- Grimes Golden.** No orchard complete without it. Yellow, best quality and productive. For either home or market for this season there is nothing better.
- Hubbardston.** Large, red, striped, tender, juicy.
- Jonathan.** Medium; red, extra quality.
- McIntosh.** Large, deep crimson, highest quality, juicy, sub-acid.
- Paradise Winter Sweet.** Large; creamy, rosy-cheeked.
- Rome Beauty.** Large, yellow, shaded red; tender, juicy, sub-acid.
- Red Rome.** Same as Rome Beauty, better color.
- Red Stark.** Better color than Stark listed below.
- Stark.** Large, striped light and red, juicy, mild, sub-acid. An early and abundant bearer, good keeper.
- Stayman Winesap.** Of the several important descendants of Winesap, this variety is leaping into prominence as a splendid sort for the home or commercial orchard. The tree is a sturdy grower and a very heavy producer. It is adapted to a wide range of soils and climates, thriving almost wherever planted. It runs to large sizes. The fruit is of deep red color, with firm flesh, tender, juicy, and the same rich flavor of the parent. We strongly recommend this variety for the home or commercial orchard.
- York Imperial.** Medium to large; yellow, shaded red; firm, juicy, sub-acid.

## CRAB APPLES

**Hyslop.** Large; deep crimson; one of the most beautiful; very popular.

**Transcendent.** For many years the most popular crab apple. Fruit about an inch in diameter, yellow, with red cheek.

## PEACHES

We are offering only a limited number of varieties, ones that you can depend on giving you a good crop of fruit. We do not think it worth while to propagate a large number of varieties, when a few of the best will make more money for our customers. The peach crop is quite sure if you give your trees proper attention.

### PRICE OF PEACHES

|   | Each   | Per<br>10 | Per<br>100 | Per<br>1000 |
|---|--------|-----------|------------|-------------|
| 5 to 7 ft., $1\frac{1}{16}$ in. cal. and up                         | \$5.50 | \$4.00    |            |             |
| $4\frac{1}{2}$ to 6 ft., $\frac{9}{16}$ to $1\frac{1}{16}$ in. cal. | .40    | 3.00      | \$18.00    | \$150.00    |
| 4 to 5 ft., $\frac{7}{16}$ to $\frac{9}{16}$ in. cal. . .           | .30    | 2.50      | 14.00      | 125.00      |
| 3 to 4 ft., $\frac{5}{16}$ to $\frac{7}{16}$ in. cal. . .           | .25    | 2.00      | 11.00      | 90.00       |
| 2 to 3 ft. . . . .  | .20    | 1.25      | 7.00       | 50.00       |

### ARRANGED IN ORDER OF RIPENING

**Greensboro.** The very best extra early commercial sort. Hardy and productive, fruit large and tree healthy. Color white with crimson cheek.

**Carman.** White with red blush. Carman is extra hardy, bears every year, and when it fails all else fails too. Tree a very robust grower and produces heavily.

**Golden Jubilee.** Developed and introduced by the New Jersey Experimental Station—A high quality, Early, Yellow, Freestone Peach.

**Rochester (Free).** Large yellow and red Peach. Flesh yellow, of fine quality and exquisite flavor.

**Hiley (Early Belle).** The earliest commercial white freestone peach. It resembles Belle of Georgia, but in quality is superior to most of its white-fleshed competitors. The pretty red cheek and good shipping qualities make it very popular for early market.

**Champion.** Large variety, creamy white, red cheek, sweet, rich and juicy. Hardy and productive.

**Belle (Belle of Georgia).** Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree a rapid grower, very prolific.

**Capt. Ede.** A handsome yellow peach of excellent quality; hardy in bud and blossom.

**J. H. Hale.** Probably no new peach has ever been introduced claiming to be so much superior in all ways. It averages one-third to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden-yellow with deep carmine blush.

**South Haven.** Immediately preceding Elberta, it is better than average size, globular, prolific, with dependably recurring crops. Its meat is yellow, juicy and delicious; cheek yellow with one red blotch.

**Elberta.** Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety.

**Late Crawford.** A superb, large, yellow peach.

**Mathews (Dr. Funk's strain).** Very similar to Elberta but of better quality.

## ROOT'S NURSERIES, INC.

- Old Mixon Free.** Large, pale yellow, deep red cheek, white flesh, tender, rich, good.
- Stump.** Large, white, bright red cheek.
- Salway.** A late yellow variety. Latter part of September.
- Iron Mountain.** Ripens September 15 to October 1. Fruit is of large size; color, white.

## APRICOTS

- |   | Each   | Per 10  |
|---|--------|---------|
| 4 to 6 ft., $\frac{9}{16}$ in. cal. and up . . . . .          | \$ .75 | \$ 7.00 |
| 3 to 4 ft., $\frac{7}{16}$ to $\frac{9}{16}$ in. cal. . . . . | .60    | 5.00    |
- Early Golden.** Small, pale orange, juicy and sweet.
- Dallas.** Fruit large, round, early, deep yellow with a fine blush; flesh yellow, firm, juicy and excellent. Tree hardy, a good grower.
- Royal.** Large, yellow, juicy, rich and delicious; a very fine variety.

## SWEET CHERRIES

- |  | Each   | Per 10  |
|--|--------|---------|
| 5 to 7 ft., $\frac{11}{16}$ in. cal. and up . . . . .          | \$ .60 | \$ 5.00 |
| 4 to 6 ft., $\frac{9}{16}$ to $\frac{11}{16}$ in. cal. . . . . | .50    | 4.50    |
- Bing.** Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable sorts. July.
- Black Tartarian.** Very large, black, juicy. Last of June.
- Gov. Wood.** Large, light red, juicy, rich, delicious. Tree healthy and productive. June.
- Napoleon.** Large, pale yellow or red; firm, juicy, sweet and productive. July.
- Schmidt.** Immense size, deep black; flesh dark, tender, very juicy, fine flavor; productive. July.
- Windsor.** Fruit large, liver-colored, distinct; flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.
- Yellow Spanish.** Large, yellow and red. June.

## SOUR CHERRIES

- |  | Each   | Per 10  | Per 100 |
|--|--------|---------|---------|
| 4½ to 6 ft., $\frac{11}{16}$ in. cal. and up . . . . .         | \$ .40 | \$ 3.00 | \$17.50 |
| 4 to 5 ft., $\frac{9}{16}$ to $\frac{11}{16}$ in. cal. . . . . | .35    | 2.50    | 15.00   |
- Early Richmond.** Medium, dark red, melting, juicy, sprightly, rich acid.
- English Morello.** Fair size, blackish, red, rich acid.
- Montmorency.** Large, deep cherry-red, very tender and juicy. It is the best variety for home and market. It ripens at the close of the Early Richmond season, and is of better size than that variety; more meaty and of richer flavor.

## PEARS

- |  | Each   | Per 10  |
|--|--------|---------|
| 5 to 7 ft., $\frac{11}{16}$ in. cal. and up . . . . .          | \$ .60 | \$ 5.00 |
| 4 to 6 ft., $\frac{9}{16}$ to $\frac{11}{16}$ in. cal. . . . . | .50    | 4.00    |
| Dwarf Pear, 4 to 5 ft., $\frac{5}{8}$ in. cal and up . . . . . | .60    | 5.00    |
- Bartlett.** Season last of August to September 15th. Good strong grower, flesh is white, fine grained, luscious, large and buttery, has a rich melting flavor and very sweet.
- Clapp's Favorite.** Summer. Fruit large, yellow lemon color, spotted with brown dots; flesh fine, rich and sweet. A very good one.
- Duchesse.** Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf. Oct. and Nov.



## MANHEIM, PENNSYLVANIA

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**Kieffer.** Its large size, handsome appearance, and remarkable keeping and shipping qualities make it very profitable for market. Oct. and Nov.

**Seckel.** Small; skin rich yellowish brown when fully ripe, with deep brownish red cheek; flesh very fine-grained, sweet, exceedingly juicy, melting, buttery; one of the richest and highest flavored pears known. Sept. and Oct.

**Sheldon.** A large, round, russet and red pear of very fine quality; melting, rich, delicious. Tree vigorous, erect, handsome; bears well and should be more largely planted. October.

## P L U M S

|  | Each   | Per 10  |
|--|--------|---------|
| 5 to 7 ft., $\frac{11}{16}$ in. cal. and up . . . . .          | \$ .60 | \$ 5.00 |
| 4 to 6 ft., $\frac{9}{16}$ to $\frac{11}{16}$ in. cal. . . . . | .50    | 4.00    |
| 3 to 4 ft., $\frac{7}{16}$ to $\frac{9}{16}$ in. cal. . . . .  | .40    | 3.00    |

**Abundance.** One of the oldest and best varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality. August.

**Burbank.** Most profitable among growers for market. Ripens 10 days after Abundance. Tree hardy.

**October Purple.** A strong, vigorous grower, hardy, productive, of good quality, a large, round, late purple plum, especially recommended for late market.

**Red June.** One of the vigorous, upright growers; productive; fair size, vermilion red; pleasant quality. Ripens a week before Abundance. August.

**Climax.** One of the best of the large, early sweet plums, ripening ahead of other varieties, which makes it a very valuable market sort. July.

**Gold.** Large, oval, bright yellow; rich, juicy, fine quality. A good grower.

**Lombard.** Dark purplish-red, hardy, productive.

**Bradshaw.** A very large and fine early plum, dark violet-red, juicy and good. Very productive; valuable for market. The tree is very hardy and vigorous. Middle of August.

**German Prune.** Large, dark purple, sweet, good. One of the most popular for canning, because of its sweetness. September.

**Italian Prune.** Good size, purple, juicy, delicious, fine for drying. September.

**Imperial Gage.** Large, pale green, juicy, sweet, rich, and excellent. August.

**Satsuma (Blood).** Large, globular, with sharp point. Color, purple and red with blue bloom; flesh firm, juicy, dark red or blood color, fine quality; pit very small. Hardy and vigorous grower. August.

## Q U I N C E S

|   | Each   | Per 10  |
|---|--------|---------|
| 4 to 5 ft., $\frac{5}{8}$ in. cal. and up . . . . .         | \$ .65 | \$ 6.00 |
| 3 to 4 ft., $\frac{1}{2}$ to $\frac{5}{8}$ in. cal. . . . . | .55    | 5.00    |

**Orange.** Fruit large, bright yellow, of excellent quality.

**Champion.** A prolific and constant bearer of oval fruit, averaging larger than Orange and ripening later. Long keeper.

**Meech Prolific.** A vigorous grower and immensely productive of large, orange-yellow fruit of delightful flavor and fine cooking quality.

## SMALL FRUITS GRAPES (2 Years)

|  | Each   | Per 10  | Per 100 |
|--|--------|---------|---------|
| Brighton. Red, high quality, large ..    | \$ .20 | \$ 1.50 | \$12.00 |
| Concord. The leading black variety ..    | .20    | 1.50    | 8.00    |
| Moore's Early. Good, early, black ..     | .20    | 1.50    | 12.00   |
| Niagara. The standard white grape ..     | .20    | 1.50    | 12.00   |
| Worden. Earlier than Concord, sweeter .. | .20    | 1.50    | 12.00   |
| Caco. New, red .....                     | .40    | 3.50    | 30.00   |

## ASPARAGUS

Washington. The most popular variety.

|                              | Per<br>10 | Per<br>100 | Per<br>1000 | Per<br>5000 |
|------------------------------|-----------|------------|-------------|-------------|
| 2-year strong selected ..... | \$ .25    | \$ 1.25    | \$ 8.00     | \$37.50     |
| 1-year strong selected ..... | .20       | 1.00       | 6.50        | 30.00       |

## STRAWBERRIES

At prices below, strawberry plants will be shipped direct from grower to your address, Parcel Post, Prepaid. Orders for 5000 or more by Express Prepaid. Not less than 250 plants of one variety for 500 or 1000 rates.

### EARLY VARIETIES

|                  | 100    | 500     | 1000    | 5000    |
|------------------|--------|---------|---------|---------|
| Belmar .....     | \$1.00 | \$ 2.50 | \$ 4.25 | \$17.50 |
| Blakemore .....  | 1.00   | 2.50    | 4.25    | 17.50   |
| Dorsett .....    | 1.65   | 5.00    | 9.50    | 42.50   |
| Fairfax .....    | 1.65   | 5.00    | 9.50    | 42.50   |
| Klondike .....   | 1.00   | 2.50    | 4.25    | 17.50   |
| Missionary ..... | 1.00   | 2.50    | 4.25    | 17.50   |
| Premier .....    | 1.00   | 2.50    | 4.25    | 17.50   |
| Southland .....  | 1.25   | 3.00    | 4.75    | 20.00   |
| Success .....    | 1.00   | 2.50    | 4.25    | 17.50   |

### MEDIUM EARLY TO LATE

|                      |      |      |      |       |
|----------------------|------|------|------|-------|
| Big Joe .....        | 1.00 | 2.50 | 4.25 | 17.50 |
| Cooper .....         | 1.00 | 2.50 | 4.25 | 17.50 |
| Dr. Burrill .....    | 1.00 | 2.50 | 4.25 | 17.50 |
| Gibson .....         | 1.00 | 2.50 | 4.25 | 17.50 |
| Marshall .....       | 1.00 | 2.50 | 4.25 | 17.50 |
| Senator Dunlap ..... | 1.00 | 2.50 | 4.25 | 17.50 |

### LATE TO VERY LATE

|                  |      |      |      |       |
|------------------|------|------|------|-------|
| Aroma .....      | 1.00 | 2.50 | 4.25 | 17.50 |
| Chesapeake ..... | 1.25 | 3.00 | 4.75 | 20.00 |
| Gandy .....      | 1.00 | 2.50 | 4.25 | 17.50 |
| Wm. Belt .....   | 1.00 | 2.50 | 4.25 | 17.50 |

### FALL BEARING STRAWBERRIES

|                   |      |      |      |
|-------------------|------|------|------|
| Champion .....    | 1.35 | 4.50 | 8.00 |
| Mastodon .....    | 1.35 | 4.50 | 8.00 |
| Progressive ..... | 1.35 | 4.50 | 8.00 |

## RASPBERRIES

|                                       | Per 25 | Per 100 | Per 1000 |
|---------------------------------------|--------|---------|----------|
| Cuthbert. Standard red ..             | \$ .75 | \$ 2.75 | \$25.00  |
| Latham. New red .....                 | .75    | 2.75    | 25.00    |
| St. Regis. Everbearing red ..         | .75    | 2.75    | 25.00    |
| Cumberland. Very profitable, black .. | .75    | 2.75    | 25.00    |
| Plum Farmer. Black .....              | .75    | 2.75    | 25.00    |

## BLACKBERRIES

|  | Per 25 | Per 100 |
|--|--------|---------|
| Eldorado. Hardy, vigorous, productive .. | \$1.00 | \$ 3.50 |
| Blowers. Splendid new sort .....         | 1.00   | 3.50    |

## CURRENTS (2 Years)

|  | Each  | Per 10  | Per 100 |
|--|-------|---------|---------|
| <b>Cherry.</b> Large berries, short bunch  | \$.20 | \$ 1.50 | \$10.00 |
| <b>Fays.</b> Old leading market variety    | .20   | 1.50    | 10.00   |
| <b>Wilder.</b> Better than Fays            | .20   | 1.50    | 10.00   |
| <b>White Grape.</b> Large, yellowish white | .20   | 1.50    | 10.00   |

## GOOSEBERRIES (2 Years)

|  | Each  | Per 10  | Per 100 |
|--|-------|---------|---------|
| <b>Downing.</b> Large, pale green, very good | \$.20 | \$ 1.75 | \$12.00 |
| <b>Houghton.</b> Medium, pale red, sweet     | .20   | 1.75    | 12.00   |

## RHUBARB

|                                    | Each  | Per 10  | Per 100 |
|------------------------------------|-------|---------|---------|
| <b>Linnaeus.</b> Old reliable kind | \$.15 | \$ 1.00 | \$ 8.00 |

## OLD ENGLISH LAWN SEED

### MAKES BETTER LAWNS!

You will agree that a lawn of rich velvet green adds much to the beauty of your home. There is something inviting in a stretch of even green.

You can enjoy the charm of such a lawn by using "Old English Lawn Seed" and giving it the proper attention. This mixture has been used for twenty years on many fine estates, golf courses and on government and city grounds.

We heartily recommend it for your use.

1 lb. seed to 100 square ft., 200 lbs. per acre.

### Old English Lawn Seed

#### Prices

|         |       |
|---------|-------|
| 1-lb.   | \$.35 |
| 2-lbs.  | .65   |
| 5-lbs.  | 1.50  |
| 20-lbs. | 5.50  |

#### Shady Spot

|        |       |
|--------|-------|
| 1-lb.  | \$.45 |
| 5-lbs. | 2.00  |

"For your protection this Seal appears on every Bag and Package"



## GARDEN SUPPLIES

## PEAT MOSS

Valuable for mulching and mixing with soil in ornamental plantings, gardens, lawns, etc. GPM.

Bale covers 240 sq. ft. one inch deep.

This brand assures you best quality.

|   |                 |
|---|-----------------|
| 1 Bushel                                  | \$.50           |
| 1/2 Bale                                  | 1.75            |
| 1 Bale                                    | 3.25            |
| 5 Bales                                   | \$3.00 per bale |
| Larger quantities, prices on application. |                 |





## Pomo-Green

With Nicotine

### The Leaf Green All-In-One Dust or Spray



Used as a dust or spray to control insects and diseases. Inconspicuous on foliage. Fine for roses.

#### PRICES

|                 |        |
|-----------------|--------|
| 1 lb. can ..... | \$ .75 |
| 5 lb. can ..... | 3.00   |

## SOIL

Carefully selected top-soil, rich in plant food.

|                |        |
|----------------|--------|
| 100 lbs. ....  | \$ .50 |
| 500 lbs. ....  | 2.00   |
| 1000 lbs. .... | 3.50   |
| 2000 lbs. .... | 5.00   |

## CUT TOBACCO STEMS AND COARSE TOBACCO DUST

Fine for mulching roses, etc. Will help to keep insects away from plants. Very beneficial to lawns.

#### PRICE

|                |        |
|----------------|--------|
| 100 lbs. ....  | \$1.50 |
| 2000 lbs. .... | 20.00  |

#### WHOLE TOBACCO STEMS

|                |        |
|----------------|--------|
| 100 lbs. ....  | \$1.00 |
| 2000 lbs. .... | 15.00  |

## TO CREATE ACID SOIL

For Rhododendrons and Azaleas.

#### ALUMINUM SULPHATE

Apply  $\frac{1}{2}$  to 1 pound per square yard scattered over the surface. Repeat every six months.

|               |        |
|---------------|--------|
| 5 lbs. ....   | \$ .50 |
| 10 lbs. ....  | .90    |
| 25 lbs. ....  | 1.75   |
| 100 lbs. .... | 5.00   |



## BOOK DEPARTMENT

Books that tell you how—to plan your garden—to select flowers and plants—to control colors and blooms—to design garden and home grounds—to raise vegetables—to control pests—to feed plants—to care for trees. Ask for free catalog.

## TREE SURGERY DEPARTMENT

There has been an increasing demand for a service to our clients whereby their mature trees might be given the proper attention and treatment for preservation. Trees on lawns and under modern conditions are deprived of many of the necessities supplied by nature in forests, such as abundant plant food, moisture, proper soil conditions, etc. All of this tends to lessen the resistance of the tree to disease and pest damage, unless properly cared for.

An inspection and diagnosis by our trained Tree Surgeon will involve no cost or obligation.

This service includes pruning, cavity work, bracing, feeding, etc.



---

# BloomAid

For Flowers • Shrubs • Vegetables

BloomAid is *easy to use*, indoors or out. A tablet or two, or a spoonful of liquid BloomAid in a glass of water—either is enough for a potted plant, now and then. For window boxes, porch boxes, and the flats where the seedlings grow, use granulated BloomAid from a shaker-top pound can or by the spoonful from a five-pound can. Outdoors, in the beds and among the shrubbery and around the hedge, use granulated BloomAid from bags. Full directions with every package.



## Prices

Tablet Form  
Box of 125 Tablets \$ .25

## Pulverized Form:

|                  |      |
|------------------|------|
| 5-lb. can.....   | .50  |
| 10-lb. bag.....  | .75  |
| 25-lb. bag.....  | 1.50 |
| 50-lb. bag.....  | 2.50 |
| 100-lb. bag..... | 4.00 |

---

# V-C Fairway

## GRASS FOOD

Feed your lawn with a clean, rich food that the grass will relish and that neither you nor your neighbors will notice. Feed it V-C Fairway, then watch the turf grow *fast*—thick, green and velvety. Anybody can do the work. V-C Fairway is a dry and granulated powder, ready for use, in bags, easily handled. Carries no weed seeds, no insect pests, no plant diseases. Moderately priced.



## Prices

|  |        |
|--|--------|
| 10-lb. Bag (enough for<br>500 sq. ft.).....    | \$ .75 |
| 25-lb. Bag (enough for<br>1,250 sq. ft.).....  | 1.50   |
| 50-lb. Bag (enough for<br>2,500 sq. ft.).....  | 2.50   |
| 100-lb. Bag (enough for<br>5,000 sq. ft.)..... | 4.00   |

## INSTRUCTIONS TO PURCHASERS

**How to Figure Your Order.** One to four trees or plants of one variety sold at the each rate; 5 to 25 of one variety at the ten rate; 25 to 250 of one variety at the 100 rate; 250 or more at the 1000 rate.

**Orders.** Orders should be sent in just as soon as possible after receiving catalog. By placing orders early you are more certain of getting the varieties wanted, as late in the season we are often sold out of some of the varieties. If ordered early we can reserve the stock until proper time for planting.

**Shipping.** We have the Pennsylvania and Reading Railroads and can ship in any direction with the probability of prompt arrival at destination. All shipments travel at the cost and risk of the purchaser.

**Truck Deliveries.** Truck load orders will be delivered free, reasonable distances; long hauls and smaller orders delivered by special arrangement. We are well equipped to give good truck service.

**Guarantee and Claim.** All stock is guaranteed to be true-to-name, dug properly, and in good condition when shipped. Any tree or plant which is untrue to name will be promptly replaced. In case of any error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than the original price of the nursery products.—As we have no control over its care and usage after it leaves our hands, we cannot guarantee it to live and grow or to give specific results.—We insist that all claims for damaged or unsatisfactory stock be made promptly.

Our nurseries are inspected every year and every shipment will be accompanied by a Certificate of the State Examiner.

**Planting.** Proper planting is important and to this end we have developed an organization that is competent to handle planting for you at a nominal charge.

**Terms Cash.** except when expressly agreed otherwise.

**Substitution.** We reserve the right in case we are out of a variety, to substitute another of equal merit when it can be done,—unless the order is plainly marked NO SUBSTITUTION. In this case we will fill the order as completely as possible and refund the balance of remittance, if paid in advance.

**Prices.** The prices quoted in this catalog are F. O. B. our Nurseries except where otherwise noted. They are as low as was consistent at the time of printing, considering wages and other costs. However, they are subject to change without notice.

**Agents.** We do not run an agency business, but some of our stock finds its way into the hands of dealers, florists and agents, and we are not responsible for their prices nor for any promises made other than those found in our "Instructions to Purchasers."

### ROOT'S NURSERIES, INC.

Phone, Landisville 163-R-2

Manheim, Pa.

When ordering use handy Env-O-Blank. No postage required.

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# SUCCESSFUL PLANTING AND CARE OF STOCK

## CARE

The bundles should be opened immediately, the roots dipped in water, then heeled in moist ground so that the mellow earth will come in contact with the roots and thoroughly protect them from the air, having the earth tramped solid about them.

When ready to plant, take up only a few at a time, puddle the roots and do not allow them to lie exposed to the sun or air.

The ground should be carefully prepared by deep plowing and firming down with a disc and harrow.

## PLANTING

The holes for planting must be large enough to receive the roots freely, without cramping or bending them from their natural position. All broken or mutilated portions of the roots must be cut off so as to leave the ends smooth and sound. All trees should be planted two or three inches deeper than they stood in the nursery row; pack the soil very firmly about the roots by tamping with the feet or post tamper, being careful not to bark or break the roots. Leave three inches of the surface soil loose to serve as a mulch. If the ground is very dry, apply one to two pails of water before this soil mulch is in place, and after the water has soaked away it can then be placed over the moist soil.

## NUMBER OF TREES OR PLANTS TO THE ACRE

|                              |       |
|------------------------------|-------|
| 40 feet apart each way ..... | 28    |
| 30 feet apart each way ..... | 48    |
| 20 feet apart each way ..... | 110   |
| 18 feet apart each way ..... | 135   |
| 15 feet apart each way ..... | 205   |
| 12 feet apart each way ..... | 300   |
| 10 feet apart each way ..... | 435   |
| 8 feet apart each way .....  | 680   |
| 6 feet apart each way .....  | 1,210 |
| 5 feet apart each way .....  | 1,745 |
| 4 feet apart each way .....  | 2,725 |
| 3 feet apart each way .....  | 4,840 |

Rule—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant, which, divided into the number of square feet in an acre (43,560), will give the number of plants or trees to the acre.

## SUITABLE DISTANCE FOR PLANTING

- Apples—30 to 40 feet apart each way.
- Standard Pears and Cherries—20 feet apart each way.
- Plums, Peaches and Apricots—16 to 18 feet apart each way.
- Dwarf Pears and Quinces—10 to 12 feet apart each way.
- Grapes—rows of 10 to 16 feet apart; 7 to 10 feet in rows.
- Currants and Gooseberries—4 feet apart.
- Raspberries and Blackberries—3 to 4 by 5 to 7 feet.
- Strawberries, for field culture—1 by 3 to 3½ feet.
- Strawberries, for garden culture—1 to 2 feet apart.
- Asparagus, for field culture—18 to 24 inches by 3½ to 4 feet.
- Asparagus, for garden culture—18 to 24 inches apart each way.



*Your Home*

will look better  
in a setting of Nature's  
own beauty



ROOT'S NURSERIES, INC.

Our 40th Year

